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ACIDIC PRECIPITATION IN ONTARIO STUDY

ANNUAL STATISTICS OF CONCENTRATION AND DEPOSITION - CUMULATIVE PRECIPITATION MONITORING NETWORK, 1982

July 1984

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Ministry of the Environment
Ontario

E. PICHÉ, Director
Air Resources Branch

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July 1984

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PART I

INTRODUCTION

INTRODUCTION

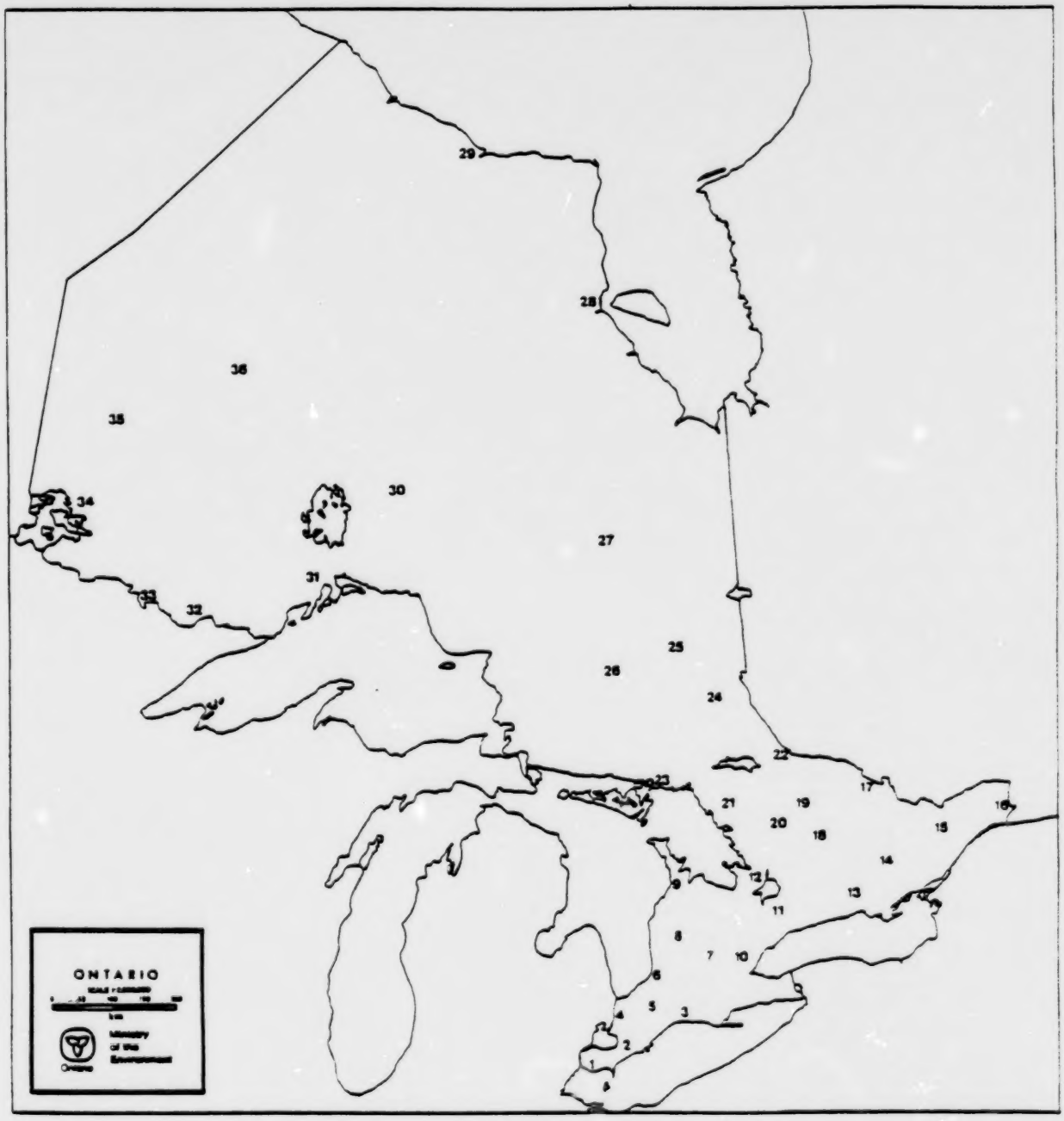
This report was prepared by Walter Chan and David Chung. The statistical summaries presented in this report pertain to the 1982 analytical results obtained from the Acidic Precipitation in Ontario Study (APIOS) cumulative precipitation monitoring network (see network overview report, #ARB-164-83-ARSP). The relevant data are listed in a previous report, #ARB-74-84-ARSP. At the inception of the network, the period of collection was monthly, however, a 28-day accumulation period was adopted as of January 5, 1982. All available data are utilized in the calculations except results reported as being unreliable or approximate. If it is noted that the actual result is greater than the reported value due to exceedance of upper analytical limit, then the reported value is also excluded. Reported results for metals which have missing leachate analysis are also excluded from statistical analysis. Results labelled as <W are replaced by "zero". If a detection limit (<or<T) is reported, a value corresponding to one half the detection limit is utilized for statistical calculations as reported in the statistical summaries. The reported cumulative precipitation gauge depth (or Environment Canada's CLIMAT result) is utilized in the calculation of deposition. If a precipitation gauge value is not available, then the collected sample volume is converted to its equivalent precipitation depth and is used in the deposition calculation.

The statistical summaries presented in Parts III to VI include number of samples, mean (arithmetic/geometric), standard deviation (arithmetic/geometric), maximum, minimum, quartiles and precipitation weighted means using precipitation gauge depths where appropriate. These statistics are for an average sampling period. Data given in the listing report (#ARB-74-84-ARSP) which correspond to irregular sampling periods are either combined if they are from consecutive collection periods which span 28d ± 5d or deleted, if otherwise, before the statistics are generated.

PART II

STATION DESCRIPTION AND LOCATION MAP

STATION LOCATION MAP*



+ 1 - COLCHESTER	+ 11 - UXBRIDGE	+ 21 - MCKELLAR	+ 31 - ORION
2 - MERLIN	12 - COLDWATER	+ 22 - MATTAWA	32 - QUETICO CENTRE
+ 3 - PORT STANLEY	+ 13 - CAMPBELLFORD	+ 23 - KILLARNEY	33 - LAC LA CROIX
+ 4 - WILKESPORT	+ 14 - KALADAR	24 - BEAR ISLAND	34 - EXP. LAKES AREA
5 - ALVINSTON	+ 15 - SMITH'S FALLS	+ 25 - GOWGANDA	+ 35 - EAR FALLS
6 - HURON PARK	+ 16 - DALHOUSIE MILLS	26 - RAMSEY	+ 36 - PICKLE LAKE
7 - WATERLOO	+ 17 - GOLDEN LAKE	+ 27 - MOONBEAM	
+ 8 - PALMERSTON	18 - WILBERFORCE	+ 28 - ATTAWAPISKAT	
+ 9 - SHALLOW LAKE	19 - WHITNEY	29 - WINISK	
+10 - MILTON	+ 20 - DORSET	+ 30 - NAKINA	

* All stations sample precipitation. Those which are labelled (+) sample also air on a 28-day basis.

APIOS CUMULATIVE WET DEPOSITION NETWORK SITE DESCRIPTIONS

MOE REGION	STATION NAME	ELEVATION (m above MSL)	LATITUDE (North)	LONGITUDE (West)	UTM GRID CO-ORDINATES (Northing)	(Easting)
Southwestern	Colchester	183	41°59'13"	82°55'41"	4650000	340300
	Merlin	191	42°14'47"	82°13'30"	4676400	398950
	Pt. Stanley	213	42°40'22"	81°09'55"	4724050	486700
	Wilkesport	183	42°42'11"	82°21'13"	4728350	389150
	Alvinston	221	42°49'36"	81°50'04"	4942000	431550
	Shallow Lake	229	44°34'54"	81°05'24"	4936200	492850
	Palmerston	389	43°48'19"	80°54'12"	4850050	507750
	Huron Park	250	43°17'28"	81°30'03"	4793000	459350
	Waterloo	343	43°28'39"	80°35'09"	4813750	533500
Central	Dorset	320	45°13'26"	78°55'52"	5009650	662400
	Milton	221	43°31'05"	79°55'54"	4818600	586350
	Uxbridge	244	44°12'46"	79°12'38"	4896800	643000
	Wilberforce	396	45°00'54"	78°12'58"	4988150	719400
	Campbellford	175	44°17'28"	77°47'33"	4907600	277150
	Coldwater	280	44°37'31"	79°32'08"	4942200	615900
Southeastern	Kaladar	244	44°41'31"	77°09'18"	4950800	329250
	Smith's Falls	122	44°56'41"	75°57'48"	4977100	423950
	Dalhousie Mills	69	45°19'00"	74°28'13"	5018100	541550
	Golden Lake	160	45°36'48"	77°12'03"	5053200	328400
Northeastern	McKellar	244	45°30'57"	79°55'19"	5040600	583950
	Killarney	183	45°59'26"	81°29'18"	5092900	462200
	Mattawa	198	46°16'45"	78°49'19"	5127150	667800
	Bear Island	305	46°58'22"	80°04'40"	5202400	570350
	Ramsey	427	47°26'33"	82°20'14"	5254900	399200
	Gowganda	343	47°39'04"	80°46'32"	5277300	516600
	Moonbeam	244	49°19'16"	82°08'46"	5463600	416650
	Attawapiskat	9	52°56'00"	82°24'00"	NA	NA
	Whitney	412	45°32'21"	78°15'35"	5045950	713950
Northwestern	Dorion	244	48°50'33"	88°36'45"	5410800	382150
	Nakina	320	50°10'38"	86°42'40"	5558150	520950
	Ear Falls	350	50°38'31"	93°13'13"	5609800	484150
	Pickle Lake	360	51°27'41"	90°12'04"	5704800	694550
	Lac la Croix	368	48°21'14"	92°12'32"	5355900	558400
	Quetico Centre	420	48°44'24"	91°12'08"	5399750	632100
	E.L.A.	123	49°39'22"	93°43'28"	5500950	447350
	Winisk	9	55°12'00"	85°08'00"	NA	NA

PART III

SUMMARY STATISTICS OF PRECIPITATION CONCENTRATION BY STATION

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ALVINSTON/CUMULATIVE/PRECIP. #05

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	13.0	11.00	11.0000	12.00	11.000	10.000
MAXIMUM :	124.0	118.0	6.20	0.1986	17.70	1.700	1.840
MINIMUM :	14.0	18.4	3.90	0.0336	1.65	0.310	0.110
RANGE :	110.0	99.6	2.30	0.1650	16.05	1.390	1.730
ARITH. MEAN :	65.3	39.8	4.53	0.0829	5.12	0.629	0.686
ARITH. STD. DEV :	31.7	27.1	0.73	0.0447	4.37	0.382	0.657
GEOM. MEAN :	56.8	34.2	4.49	0.0742	4.13	0.562	0.455
GEOM. STD. DEV. :	1.8	1.7	1.16	1.6201	1.87	1.577	2.586
1ST QUARTILE :	43.5	22.1	4.06	0.0488	2.75	0.395	0.250
2ND QUARTILE :	59.5	30.8	4.23	0.0678	3.77	0.515	0.350
3RD QUARTILE :	76.9	38.8	4.52	0.0955	5.20	0.630	0.960
VOL. WGT. MEAN :	*******	32.1	*******	0.0755	3.80	0.537	0.580

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ALVINSTON/CUMULATIVE/PRECIP. #05

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	12.000	10.000	12.000	12.000	12.000	12.0000
MAXIMUM :	0.930	1.970	0.350	0.630	0.310	1.670	0.1200
MINIMUM :	0.010	0.320	0.030	0.010	0.025	0.158	0.0015
RANGE :	0.920	1.650	0.320	0.620	0.285	1.512	0.1185
ARITH. MEAN :	0.338	0.749	0.128	0.139	0.124	0.567	0.0341
ARITH. STD. DEV :	0.272	0.509	0.117	0.176	0.094	0.433	0.0381
GEOM. MEAN :	0.211	0.638	0.089	0.075	0.090	0.453	0.0182
GEOM. STD. DEV. :	3.491	1.742	2.423	3.302	2.414	1.998	3.5681
1ST QUARTILE :	0.140	0.465	0.042	0.040	0.045	0.308	0.0080
2ND QUARTILE :	0.270	0.560	0.067	0.070	0.113	0.485	0.0210
3RD QUARTILE :	0.380	0.775	0.178	0.172	0.185	0.580	0.0435
VOL. WGT. MEAN :	0.247	0.586	0.109	0.118	0.109	0.438	0.0234

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ALVINSTON/CUMULATIVE/PRECIP. 805

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	10.0000	11.0000	9.000	8.0000	11.0000	11.0000	8.000
MAXIMUM :	0.0150	0.0005	0.021	0.2567	0.0090	0.0010	0.304
MINIMUM :	0.0010	0.0005	0.003	0.0113	0.0005	0.0010	0.006
RANGE :	0.0140	0.0000	0.018	0.2454	0.0085	0.0000	0.299
ARITH. MEAN :	0.0060	0.0005	0.012	0.0893	0.0046	0.0010	0.080
ARITH. STD. DEV :	0.0058	0.0000	0.006	0.0820	0.0024	0.0000	0.098
GEOM. MEAN :	0.0039	0.0005	0.011	0.0570	0.0038	0.0010	0.041
GEOM. STD. DEV. :	2.6287	1.0000	1.834	2.9839	2.1679	1.0000	3.747
1ST QUARTILE :	0.0020	0.0005	0.007	0.0220	0.0030	0.0010	0.014
2ND QUARTILE :	0.0030	0.0005	0.011	0.0817	0.0040	0.0010	0.055
3RD QUARTILE :	0.0085	0.0005	0.016	0.1195	0.0065	0.0010	0.096
VOL. MGT. MEAN :	0.0051	0.0005	0.011	0.0703	0.0046	0.0010	0.061

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ALVINSTON/CUMULATIVE/PRECIP. #05

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	9.0000	10.00000	11.0000
MAXIMUM :	0.0575	0.00010	0.1259
MINIMUM :	0.0007	0.00005	0.0006
RANGE :	0.0568	0.00005	0.1253
ARITH. MEAN :	0.0082	0.00009	0.0548
ARITH. STD. DEV :	0.0185	0.00002	0.0390
GEOM. MEAN :	0.0025	0.00009	0.0293
GEOM. STD. DEV. :	3.8511	1.33945	5.3314
1ST QUARTILE :	0.0008	0.00008	0.0143
2ND QUARTILE :	0.0018	0.00010	0.0450
3RD QUARTILE :	0.0032	0.00010	0.0822
VOL. WGT. MEAN :	0.0061	0.00009	0.0524

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ATTAWAPISKAT/CUMULATIVE/PRECIP. #28

PERIOD OF REPORT : FEB 9,82 TO JAN 16,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	6.0	2.0	2.00	4.0000	2.00	3.000	2.000
MAXIMUM :	143.6	14.8	6.75	0.0376	0.65	0.430	0.200
MINIMUM :	9.7	4.4	5.96	0.0238	0.45	0.000	0.090
RANGE :	133.9	10.4	0.79	0.0138	0.20	0.430	0.110
ARITH. MEAN :	75.1	9.6	6.35	0.0319	0.55	0.163	0.145
ARITH. STD. DEV :	48.0	7.4	0.56	0.0062	0.14	0.233	0.078
GEOM. MEAN :	56.6	8.0	6.34	0.0315	0.54	0.295	0.134
GEOM. STD. DEV. :	2.6	2.4	1.09	1.2304	1.30	3.184	1.759
1ST QUARTILE :	25.0	*******	*******	0.0271	*******	********	********
2ND QUARTILE :	75.9	*******	*******	0.0332	*******	********	********
3RD QUARTILE :	98.1	*******	*******	0.0363	*******	********	********
VOL. WGT. MEAN :	*******	10.8	*******	0.0347	0.57	0.149	0.133

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ATTAWAPISKAT/CUMULATIVE/PRECIP. #28

PERIOD OF REPORT : FEB 9,82 TO JAN 16,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	2.000	3.000	2.000	3.000	2.000	3.000	3.0000
MAXIMUM :	0.550	2.600	0.190	0.535	0.310	0.600	0.2150
MINIMUM :	0.120	0.580	0.050	0.160	0.050	0.116	0.0260
RANGE :	0.430	2.020	0.140	0.375	0.260	0.484	0.1890
ARITH. MEAN :	0.335	1.303	0.120	0.363	0.180	0.331	0.0983
ARITH. STD. DEV :	0.304	1.125	0.099	0.189	0.184	0.247	0.1020
GEOM. MEAN :	0.257	1.033	0.097	0.323	0.124	0.268	0.0671
GEOM. STD. DEV. :	2.934	2.243	2.570	1.874	3.633	2.275	2.9237
1ST QUARTILE :	******	********	********	********	********	********	********
2ND QUARTILE :	********	********	********	********	********	********	********
3RD QUARTILE :	********	********	********	********	********	********	********
VOL. WGT. MEAN :	0.383	1.480	0.136	0.375	0.209	0.370	0.1133

****** : INSUFFICIENT DATA OR NOT APPLICABLE

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ATTAWAPISKAT/CUMULATIVE/PRECIP. #28

PERIOD OF REPORT : FEB 9,82 TO JAN 16,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	3.0000	3.0000	3.000	3.0000	3.0000	3.0000	3.000
MAXIMUM :	0.0120	0.0005	0.038	0.1470	0.0050	0.0010	0.100
MINIMUM :	0.0020	0.0005	0.003	0.0238	0.0005	0.0010	0.006
RANGE :	0.0100	0.0000	0.035	0.1232	0.0045	0.0000	0.094
ARITH. MEAN :	0.0057	0.0005	0.015	0.0716	0.0020	0.0010	0.040
ARITH. STD. DEV :	0.0055	0.0000	0.020	0.0661	0.0026	0.0000	0.052
GEOM. MEAN :	0.0042	0.0005	0.008	0.0536	0.0011	0.0010	0.021
GEOM. STD. DEV. :	2.5589	1.0000	3.975	2.5257	3.7788	1.0000	4.173
1ST QUARTILE :	********	********	********	********	********	********	********
2ND QUARTILE :	********	********	********	********	********	********	********
3RD QUARTILE :	********	********	********	********	********	********	********
VOL. WGT. MEAN :	0.0055	0.0005	0.014	0.0705	0.0019	0.0010	0.039

***** : INSUFFICIENT DATA OR NOT APPLICABLE

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ATTAWAPISKAT/CUMULATIVE/PRECIP. #28

PERIOD OF REPORT : FEB 9,82 TO JAN 16,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	3.0000	3.00000	2.0000
MAXIMUM :	0.0068	0.00120	0.0011
MINIMUM :	0.0009	0.00005	0.0002
RANGE :	0.0059	0.00115	0.0009
ARITH. MEAN :	0.0029	0.00043	0.0006
ARITH. STD. DEV :	0.0034	0.00066	0.0006
GEOM. MEAN :	0.0019	0.00014	0.0004
GEOM. STD. DEV. :	3.0661	6.26420	3.6192
1ST QUARTILE :	********	**********	********
2ND QUARTILE :	********	**********	********
3RD QUARTILE :	********	**********	********
VOL. WGT. MEAN :	0.0028	0.00041	0.0005

***** : INSUFFICIENT DATA OR NOT APPLICABLE

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : BEAR ISLAND/CUMULATIVE/PRECIP. #24

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	11.0	12.00	11.0000	12.00	12.000	12.000
MAXIMUM :	127.9	64.5	4.87	0.1456	8.00	0.840	0.630
MINIMUM :	23.0	6.3	3.81	0.0332	0.60	0.070	0.050
RANGE :	104.9	58.2	1.06	0.1124	7.40	0.770	0.580
ARITH. MEAN :	49.9	30.6	4.24	0.0840	2.95	0.417	0.216
ARITH. STD. DEV :	29.0	13.9	0.29	0.0303	1.83	0.192	0.193
GEOM. MEAN :	44.3	27.2	4.23	0.0784	2.51	0.366	0.155
GEOM. STD. DEV. :	1.6	1.8	1.07	1.5092	1.85	1.851	2.316
1ST QUARTILE :	30.6	23.9	4.07	0.0592	1.90	0.320	0.090
2ND QUARTILE :	39.5	28.1	4.22	0.0803	2.72	0.415	0.135
3RD QUARTILE :	52.8	33.8	4.27	0.0972	3.40	0.520	0.270
VOL. WGT. MEAN :	*******	26.2	*******	0.0752	2.51	0.360	0.175

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : BEAR ISLAND/CUMULATIVE/PRECIP. #24

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	9.000	12.000	11.000	12.000	12.000	8.0000
MAXIMUM :	0.430	1.200	0.125	0.135	0.290	0.960	0.0470
MINIMUM :	0.000	0.130	0.000	0.002	0.010	0.022	0.0010
RANGE :	0.430	1.070	0.125	0.132	0.280	0.938	0.0460
ARITH. MEAN :	0.112	0.442	0.041	0.059	0.059	0.285	0.0128
ARITH. STD. DEV :	0.115	0.350	0.040	0.045	0.075	0.245	0.0149
GEOM. MEAN :	0.108	0.343	0.044	0.036	0.039	0.202	0.0070
GEOM. STD. DEV. :	2.320	2.119	2.194	3.609	2.378	2.603	3.5998
1ST QUARTILE :	0.040	0.180	0.017	0.015	0.022	0.138	0.0027
2ND QUARTILE :	0.090	0.285	0.030	0.047	0.037	0.230	0.0095
3RD QUARTILE :	0.130	0.470	0.040	0.082	0.057	0.361	0.0150
VOL. WGT. MEAN :	0.095	0.379	0.033	0.044	0.048	0.236	0.0090

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : BEAR ISLAND/CUMULATIVE/PRECIP. #24

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	11.0000	11.0000	11.000	11.0000	11.0000	11.0000	11.000
MAXIMUM :	0.0100	0.0020	0.011	0.2902	0.0100	0.0020	0.209
MINIMUM :	0.0010	0.0005	0.001	0.0059	0.0005	0.0010	0.004
RANGE :	0.0090	0.0015	0.010	0.2843	0.0095	0.0010	0.205
ARITH. MEAN :	0.0040	0.0008	0.007	0.0571	0.0055	0.0011	0.045
ARITH. STD. DEV :	0.0032	0.0005	0.003	0.0812	0.0035	0.0003	0.060
GEOM. MEAN :	0.0030	0.0007	0.006	0.0321	0.0040	0.0011	0.024
GEOM. STD. DEV. :	2.1858	1.6105	1.816	2.8773	2.7003	1.2324	3.330
1ST QUARTILE :	0.0015	0.0005	0.004	0.0150	0.0015	0.0010	0.009
2ND QUARTILE :	0.0030	0.0005	0.007	0.0236	0.0050	0.0010	0.014
3RD QUARTILE :	0.0050	0.0010	0.009	0.0538	0.0090	0.0010	0.057
VOL. WGT. MEAN :	0.0033	0.0007	0.006	0.0466	0.0048	0.0010	0.038

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : BEAR ISLAND/CUMULATIVE/PRECIP. #24

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	11.0000	11.00000	12.0000
MAXIMUM :	0.0027	0.00070	0.1549
MINIMUM :	0.0006	0.00005	0.0135
RANGE :	0.0021	0.00065	0.1414
ARITH. MEAN :	0.0013	0.00019	0.0686
ARITH. STD. DEV :	0.0007	0.00019	0.0372
GEOM. MEAN :	0.0011	0.00012	0.0581
GEOM. STD. DEV. :	1.5786	2.55712	1.9436
1ST QUARTILE :	0.0008	0.00005	0.0532
2ND QUARTILE :	0.0010	0.00012	0.0603
3RD QUARTILE :	0.0012	0.00020	0.0841
VOL. WGT. MEAN :	0.0011	0.00015	0.0589

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CAMPBELLFORD/CUMULATIVE/PRECIP. #13

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	11.0	10.00	10.0000	12.00	12.000	11.000
MAXIMUM :	115.0	49.0	4.55	0.1360	6.25	0.840	1.230
MINIMUM :	34.2	10.6	3.98	0.0420	1.00	0.220	0.100
RANGE :	80.8	38.4	0.57	0.0940	5.25	0.620	1.130
ARITH. MEAN :	66.7	31.8	4.22	0.0829	3.47	0.547	0.524
ARITH. STD. DEV :	24.0	12.5	0.20	0.0274	1.60	0.184	0.328
GEOM. MEAN :	63.0	28.9	4.22	0.0786	3.09	0.514	0.423
GEOM. STD. DEV. :	1.4	1.7	1.05	1.4234	1.72	1.486	2.099
1ST QUARTILE :	46.5	16.7	4.05	0.0588	2.05	0.475	0.195
2ND QUARTILE :	62.9	34.3	4.19	0.0823	3.60	0.555	0.450
3RD QUARTILE :	73.8	37.5	4.28	0.0904	4.20	0.645	0.720
VOL. WGT. MEAN :	*******	33.4	*******	0.0811	3.62	0.533	0.469

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CAMPBELLFORD/CUMULATIVE/PRECIP. #13

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	10.000	12.000	11.000	12.000	11.000	10.0000
MAXIMUM :	0.290	1.140	0.130	0.100	0.170	0.950	0.0630
MINIMUM :	0.070	0.200	0.015	0.015	0.005	0.136	0.0040
RANGE :	0.220	0.940	0.115	0.085	0.165	0.814	0.0590
ARITH. MEAN :	0.170	0.571	0.051	0.050	0.072	0.422	0.0173
ARITH. STD. DEV :	0.068	0.285	0.037	0.030	0.054	0.224	0.0185
GEOM. MEAN :	0.157	0.504	0.040	0.041	0.046	0.369	0.0120
GEOM. STD. DEV. :	1.538	1.730	2.103	1.938	3.293	1.766	2.3283
1ST QUARTILE :	0.135	0.290	0.020	0.020	0.027	0.192	0.0065
2ND QUARTILE :	0.160	0.575	0.042	0.037	0.067	0.414	0.0105
3RD QUARTILE :	0.205	0.680	0.075	0.072	0.095	0.500	0.0140
VOL. WGT. MEAN :	0.156	0.550	0.053	0.046	0.062	0.412	0.0148

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CAMPBELLFORD/CUMULATIVE/PRECIP. #13

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	8.0000	8.0000	8.000	8.0000	8.0000	8.0000	8.000
MAXIMUM :	0.0080	0.0005	0.024	0.1198	0.0100	0.0010	0.092
MINIMUM :	0.0005	0.0005	0.002	0.0121	0.0005	0.0010	0.010
RANGE :	0.0075	0.0000	0.022	0.1077	0.0095	0.0000	0.082
ARITH. MEAN :	0.0036	0.0005	0.009	0.0504	0.0059	0.0010	0.038
ARITH. STD. DEV :	0.0027	0.0000	0.007	0.0338	0.0037	0.0000	0.026
GEOM. MEAN :	0.0026	0.0005	0.007	0.0414	0.0038	0.0010	0.030
GEOM. STD. DEV. :	2.5571	1.0000	2.095	1.9968	3.5642	1.0000	2.103
1ST QUARTILE :	0.0015	0.0005	0.005	0.0294	0.0027	0.0010	0.016
2ND QUARTILE :	0.0030	0.0005	0.007	0.0408	0.0065	0.0010	0.039
3RD QUARTILE :	0.0055	0.0005	0.010	0.0654	0.0090	0.0010	0.045
VOL. WGT. MEAN :	0.0032	0.0005	0.007	0.0448	0.0055	0.0010	0.034

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CAMPBELLFORD/CUMULATIVE/PRECIP. #13

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	8.0000	8.00000	10.0000
MAXIMUM :	0.0198	0.00020	0.1047
MINIMUM :	0.0006	0.00005	0.0282
RANGE :	0.0192	0.00015	0.0765
ARITH. MEAN :	0.0043	0.00008	0.0654
ARITH. STD. DEV :	0.0064	0.00005	0.0261
GEOM. MEAN :	0.0023	0.00007	0.0601
GEOM. STD. DEV. :	3.0187	1.68872	1.5746
1ST QUARTILE :	0.0011	0.00005	0.0404
2ND QUARTILE :	0.0023	0.00005	0.0650
3RD QUARTILE :	0.0037	0.00010	0.0795
VOL. WGT. MEAN :	0.0051	0.00008	0.0676

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLCHESTER/CUMULATIVE/PRECIP. #01

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	12.0	11.00	11.0000	12.00	12.000	11.000
MAXIMUM :	106.0	78.5	4.57	0.1806	12.80	1.700	2.430
MINIMUM :	16.0	25.4	3.81	0.0342	2.30	0.320	0.230
RANGE :	90.0	53.1	0.76	0.1464	10.50	1.380	2.200
ARITH. MEAN :	60.1	49.2	4.08	0.1135	6.51	0.782	0.911
ARITH. STD. DEV :	27.2	20.4	0.24	0.0471	3.48	0.377	0.698
GEOM. MEAN :	53.4	45.1	4.08	0.1028	5.71	0.709	0.716
GEOM. STD. DEV. :	1.7	1.6	1.06	1.6496	1.71	1.593	2.051
1ST QUARTILE :	44.1	27.1	3.85	0.0706	4.02	0.595	0.445
2ND QUARTILE :	53.5	45.4	4.04	0.1120	5.38	0.665	0.495
3RD QUARTILE :	69.0	68.8	4.20	0.1498	9.25	0.985	1.205
VOL. WGT. MEAN :	*******	42.6	*******	0.0995	5.57	0.640	0.741

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLCHESTER/CUMULATIVE/PRECIP. #01

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	12.000	11.000	12.000	12.000	12.000	12.0000
MAXIMUM :	1.340	2.220	0.665	0.200	0.855	2.020	0.1230
MINIMUM :	0.100	0.370	0.050	0.015	0.030	0.130	0.0010
RANGE :	1.240	1.850	0.615	0.185	0.825	1.890	0.1220
ARITH. MEAN :	0.427	1.097	0.256	0.093	0.174	0.798	0.0437
ARITH. STD. DEV :	0.323	0.663	0.202	0.065	0.225	0.565	0.0409
GEOM. MEAN :	0.351	0.920	0.193	0.071	0.111	0.618	0.0246
GEOM. STD. DEV. :	1.899	1.882	2.227	2.250	2.461	2.211	3.8262
1ST QUARTILE :	0.250	0.575	0.105	0.047	0.062	0.378	0.0140
2ND QUARTILE :	0.315	0.890	0.145	0.075	0.102	0.630	0.0245
3RD QUARTILE :	0.530	1.605	0.358	0.137	0.185	1.085	0.0755
VOL. WGT. MEAN :	0.399	0.927	0.212	0.075	0.175	0.673	0.0375

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLCHESTER/CUMULATIVE/PRECIP. #01

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	12.000	12.0000	12.0000	12.0000	12.000
MAXIMUM :	0.0230	0.0010	0.031	0.2013	0.0210	0.0010	0.183
MINIMUM :	0.0020	0.0005	0.004	0.0173	0.0010	0.0010	0.015
RANGE :	0.0210	0.0005	0.027	0.1840	0.0200	0.0000	0.168
ARITH. MEAN :	0.0079	0.0005	0.013	0.0856	0.0107	0.0010	0.072
ARITH. STD. DEV :	0.0064	0.0001	0.009	0.0571	0.0060	0.0000	0.056
GEOM. MEAN :	0.0060	0.0005	0.011	0.0670	0.0083	0.0010	0.054
GEOM. STD. DEV. :	2.1588	1.2215	1.937	2.1885	2.3920	1.0000	2.289
1ST QUARTILE :	0.0035	0.0005	0.005	0.0437	0.0060	0.0010	0.028
2ND QUARTILE :	0.0060	0.0005	0.012	0.0741	0.0120	0.0010	0.053
3RD QUARTILE :	0.0095	0.0005	0.016	0.1209	0.0150	0.0010	0.108
VOL. WGT. MEAN :	0.0064	0.0005	0.011	0.0713	0.0094	0.0010	0.061

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLCHESTER/CUMULATIVE/PRECIP. #01

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	12.0000	12.00000	11.0000
MAXIMUM :	0.0292	0.00070	0.1549
MINIMUM :	0.0007	0.00005	0.0269
RANGE :	0.0285	0.00065	0.1280
ARITH. MEAN :	0.0047	0.00020	0.0933
ARITH. STD. DEV :	0.0078	0.00019	0.0433
GEOM. MEAN :	0.0026	0.00014	0.0828
GEOM. STD. DEV. :	2.6732	2.48497	1.7264
1ST QUARTILE :	0.0016	0.00005	0.0502
2ND QUARTILE :	0.0023	0.00015	0.0815
3RD QUARTILE :	0.0039	0.00025	0.1303
VOL. WGT. MEAN :	0.0046	0.00018	0.0824

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLDWATER/CUMULATIVE/PRECIP. #12

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	13.0	12.00	12.0000	13.00	13.000	13.000
MAXIMUM :	119.0	46.7	5.14	0.1186	6.45	0.790	0.990
MINIMUM :	19.0	10.4	4.03	0.0360	0.85	0.220	0.100
RANGE :	100.0	36.3	1.11	0.0826	5.60	0.570	0.890
ARITH. MEAN :	71.0	27.4	4.36	0.0794	2.77	0.481	0.320
ARITH. STD. DEV :	29.1	12.6	0.33	0.0289	1.61	0.200	0.249
GEOM. MEAN :	64.6	24.6	4.35	0.0740	2.33	0.443	0.258
GEOM. STD. DEV. :	1.6	1.6	1.07	1.5043	1.88	1.533	1.917
1ST QUARTILE :	48.5	17.3	4.15	0.0552	1.38	0.300	0.160
2ND QUARTILE :	67.0	21.4	4.26	0.0779	2.40	0.410	0.215
3RD QUARTILE :	77.0	38.1	4.53	0.1087	3.40	0.605	0.345
VOL. WGT. MEAN :	*******	26.6	*******	0.0786	2.60	0.453	0.271

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLDWATER/CUMULATIVE/PRECIP. #12

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	13.000	13.000	13.000	13.000	13.000	13.0000
MAXIMUM :	0.320	0.980	0.170	0.240	0.145	0.730	0.0840
MINIMUM :	0.040	0.170	0.010	0.002	0.015	0.088	0.0015
RANGE :	0.280	0.810	0.160	0.238	0.130	0.642	0.0825
ARITH. MEAN :	0.159	0.502	0.050	0.066	0.055	0.378	0.0197
ARITH. STD. DEV :	0.077	0.284	0.041	0.076	0.039	0.219	0.0219
GEOM. MEAN :	0.140	0.422	0.039	0.034	0.045	0.311	0.0123
GEOM. STD. DEV. :	1.756	1.893	2.093	3.660	1.923	2.013	2.8635
1ST QUARTILE :	0.100	0.215	0.022	0.012	0.027	0.170	0.0065
2ND QUARTILE :	0.145	0.450	0.042	0.035	0.040	0.351	0.0100
3RD QUARTILE :	0.185	0.685	0.055	0.055	0.062	0.515	0.0250
VOL. WGT. MEAN :	0.150	0.471	0.041	0.053	0.055	0.360	0.0157

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLDWATER/CUMULATIVE/PRECIP. #12

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	12.000	12.0000	12.0000	12.0000	12.000
MAXIMUM :	0.0140	0.0010	0.013	0.1712	0.0100	0.0020	0.139
MINIMUM :	0.0005	0.0005	0.002	0.0102	0.0020	0.0010	0.004
RANGE :	0.0135	0.0005	0.010	0.1610	0.0080	0.0010	0.135
ARITH. MEAN :	0.0038	0.0006	0.005	0.0444	0.0055	0.0011	0.039
ARITH. STD. DEV :	0.0040	0.0002	0.003	0.0446	0.0027	0.0003	0.046
GEOM. MEAN :	0.0026	0.0006	0.005	0.0323	0.0048	0.0011	0.024
GEOM. STD. DEV. :	2.4519	1.3097	1.724	2.1888	1.7456	1.2215	2.750
1ST QUARTILE :	0.0020	0.0005	0.003	0.0189	0.0030	0.0010	0.015
2ND QUARTILE :	0.0020	0.0005	0.005	0.0331	0.0055	0.0010	0.022
3RD QUARTILE :	0.0035	0.0005	0.007	0.0431	0.0075	0.0010	0.033
VOL. WGT. MEAN :	0.0029	0.0005	0.005	0.0345	0.0055	0.0011	0.031

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLDWATER/CUMULATIVE/PRECIP. #12

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	12.0000	12.00000	12.0000
MAXIMUM :	0.0404	0.00020	0.0933
MINIMUM :	0.0007	0.00005	0.0072
RANGE :	0.0398	0.00015	0.0861
ARITH. MEAN :	0.0045	0.00007	0.0525
ARITH. STD. DEV :	0.0113	0.00005	0.0278
GEOM. MEAN :	0.0015	0.00006	0.0432
GEOM. STD. DEV. :	3.1456	1.57063	2.1215
1ST QUARTILE :	0.0007	0.00005	0.0304
2ND QUARTILE :	0.0010	0.00005	0.0545
3RD QUARTILE :	0.0021	0.00008	0.0700
VOL. WGT. MEAN :	0.0042	0.00007	0.0538

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DALHOUSIE MILLS/CUMULATIVE/PRECIP. #16

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	13.0	13.00	13.0000	13.00	13.000	13.000
MAXIMUM :	138.0	54.5	4.74	0.1304	6.60	1.280	1.690
MINIMUM :	22.1	10.9	3.90	0.0386	1.05	0.200	0.170
RANGE :	115.9	43.6	0.84	0.0918	5.55	1.080	1.520
ARITH. MEAN :	63.7	34.5	4.21	0.0902	3.59	0.620	0.542
ARITH. STD. DEV :	33.1	12.5	0.22	0.0282	1.70	0.287	0.421
GEOM. MEAN :	56.7	32.0	4.21	0.0854	3.19	0.557	0.435
GEOM. STD. DEV. :	1.7	1.5	1.05	1.4331	1.70	1.650	1.946
1ST QUARTILE :	41.5	26.4	4.03	0.0718	2.27	0.410	0.240
2ND QUARTILE :	52.1	31.3	4.21	0.0891	3.07	0.590	0.375
3RD QUARTILE :	70.6	39.9	4.23	0.1079	4.47	0.760	0.620
VOL. WGT. MEAN :	*******	33.9	*******	0.0898	3.63	0.544	0.442

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTPY OF THE ENVIRONMENT
SUMMARY STATISTICS O. PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DALHOUSIE MILLS/CUMULATIVE/PRECIP. #16

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83 PAGE : 2

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	13.000	13.000	12.000	12.000	13.000	12.0000
MAXIMUM :	0.480	1.200	0.140	0.150	0.330	0.830	0.0600
MINIMUM :	0.070	0.080	0.015	0.015	0.020	0.148	0.0040
RANGE :	0.410	1.120	0.125	0.135	0.310	0.682	0.0560
ARITH. MEAN :	0.214	0.586	0.055	0.064	0.109	0.462	0.0172
ARITH. STD. DEV :	0.135	0.304	0.040	0.042	0.099	0.202	0.0151
GEOM. MEAN :	0.176	0.498	0.045	0.053	0.071	0.420	0.0130
GEOM. STD. DEV. :	1.969	1.966	1.899	1.894	2.783	1.610	2.1685
1ST QUARTILE :	0.090	0.395	0.030	0.040	0.022	0.305	0.0085
2ND QUARTILE :	0.195	0.475	0.040	0.045	0.077	0.405	0.0125
3RD QUARTILE :	0.295	0.730	0.055	0.082	0.162	0.525	0.0215
VOL. WGT. MEAN :	0.185	0.594	0.047	0.058	0.087	0.450	0.0140

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DALHOUSIE MILLS/CUMULATIVE/PRECIP. #16

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	11.0000	11.0000	11.000	11.0000	11.0000	11.0000	11.000
MAXIMUM :	0.0110	0.0020	0.016	0.1010	0.0140	0.0030	0.076
MINIMUM :	0.0020	0.0005	0.002	0.0128	0.0040	0.0010	0.007
RANGE :	0.0090	0.0015	0.015	0.0882	0.0100	0.0020	0.068
ARITH. MEAN :	0.0050	0.0008	0.009	0.0527	0.0097	0.0012	0.039
ARITH. STD. DEV :	0.0030	0.0006	0.004	0.0313	0.0032	0.0006	0.028
GEOM. MEAN :	0.0042	0.0007	0.008	0.0432	0.0092	0.0011	0.029
GEOM. STD. DEV. :	1.8661	1.7656	1.915	2.0213	1.4601	1.3927	2.289
1ST QUARTILE :	0.0020	0.0005	0.005	0.0206	0.0070	0.0010	0.015
2ND QUARTILE :	0.0035	0.0005	0.008	0.0478	0.0095	0.0010	0.024
3RD QUARTILE :	0.0070	0.0007	0.011	0.0774	0.0120	0.0010	0.070
VOL. WGT. MEAN :	0.0041	0.0007	0.008	0.0460	0.0093	0.0011	0.032

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DALHOUSIE MILLS/CUMULATIVE/PRECIP. #16

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	11.0000	11.00000	13.0000
MAXIMUM :	0.0081	0.00040	0.1259
MINIMUM :	0.0008	0.00005	0.0182
RANGE :	0.0073	0.00035	0.1077
ARITH. MEAN :	0.0025	0.00015	0.0677
ARITH. STD. DEV :	0.0023	0.00013	0.0291
GEOM. MEAN :	0.0019	0.00011	0.0612
GEOM. STD. DEV. :	2.0830	2.33051	1.6489
1ST QUARTILE :	0.0011	0.00005	0.0527
2ND QUARTILE :	0.0013	0.00008	0.0603
3RD QUARTILE :	0.0027	0.00025	0.0756
VOL. WGT. MEAN :	0.0021	0.00013	0.0715

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORION/CUMULATIVE/PRECIP. #31

PERIOD OF REPORT : JAN 5,82 TO NOV 9,82

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	11.0	9.0	11.00	9.0000	10.00	11.000	11.000
MAXIMUM :	171.9	28.6	5.14	0.0710	4.00	0.640	0.410
MINIMUM :	9.7	7.5	4.11	0.0308	0.65	0.150	0.050
RANGE :	162.2	21.1	1.03	0.0402	3.35	0.490	0.360
ARITH. MEAN :	65.2	13.9	4.58	0.0460	1.76	0.302	0.185
ARITH. STD. DEV :	41.8	7.0	0.30	0.0139	1.16	0.157	0.114
GEOM. MEAN :	53.8	12.6	4.57	0.0443	1.46	0.270	0.154
GEOM. STD. DEV. :	2.0	1.6	1.07	1.3390	1.91	1.628	1.902
1ST QUARTILE :	40.9	9.2	4.24	0.0343	0.82	0.170	0.095
2ND QUARTILE :	53.2	10.4	4.63	0.0402	1.18	0.231	0.130
3RD QUARTILE :	72.3	14.8	4.73	0.0502	2.45	0.405	0.251
VOL. MGT. MEAN :	*******	14.9	*******	0.0498	1.79	0.262	0.195

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORION/CUMULATIVE/PRECIP. #31

PERIOD OF REPORT : JAN 5,82 TO NOV 9,82

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	11.000	10.000	11.000	11.000	11.000	10.000	10.0000
MAXIMUM :	0.160	1.120	0.065	0.080	0.100	0.710	0.0760
MINIMUM :	0.000	0.080	0.005	0.005	0.015	0.001	0.0020
RANGE :	0.160	1.040	0.060	0.075	0.085	0.709	0.0740
ARITH. MEAN :	0.067	0.523	0.030	0.039	0.049	0.310	0.0139
ARITH. STD. DEV :	0.052	0.337	0.017	0.023	0.029	0.209	0.0222
GEOM. MEAN :	0.075	0.411	0.025	0.031	0.041	0.170	0.0072
GEOM. STD. DEV. :	2.153	2.222	2.009	2.165	1.894	6.540	2.9544
1ST QUARTILE :	0.022	0.240	0.017	0.020	0.022	0.154	0.0028
2ND QUARTILE :	0.045	0.443	0.023	0.032	0.037	0.256	0.0070
3RD QUARTILE :	0.095	0.760	0.040	0.050	0.070	0.410	0.0115
VOL. WGT. MEAN :	0.051	0.489	0.028	0.037	0.042	0.305	0.0128

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORION/CUMULATIVE/PRECIP. 831

PERIOD OF REPORT : JAN 5,82 TO NOV 9,82

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	10.0000	9.0000	10.000	9.0000	9.0000	10.0000	9.000
MAXIMUM :	0.0090	0.0010	0.010	0.0637	0.0066	0.0020	0.055
MINIMUM :	0.0005	0.0005	0.001	0.0090	0.0005	0.0010	0.004
RANGE :	0.0085	0.0005	0.009	0.0547	0.0061	0.0010	0.051
ARITH. MEAN :	0.0027	0.0007	0.005	0.0261	0.0024	0.0012	0.023
ARITH. STD. DEV :	0.0024	0.0003	0.003	0.0181	0.0024	0.0004	0.017
GEOM. MEAN :	0.0021	0.0006	0.004	0.0212	0.0015	0.0011	0.017
GEOM. STD. DEV. :	2.1384	1.4142	2.097	1.9847	2.9877	1.3394	2.522
1ST QUARTILE :	0.0015	0.0005	0.002	0.0120	0.0005	0.0010	0.008
2ND QUARTILE :	0.0020	0.0005	0.004	0.0159	0.0012	0.0010	0.018
3RD QUARTILE :	0.0023	0.0007	0.006	0.0338	0.0025	0.0010	0.028
VOL. WGT. MEAN :	0.0025	0.0006	0.004	0.0275	0.0029	0.0012	0.026

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORION/CUMULATIVE/PRECIP. #31

PERIOD OF REPORT : JAN 5,82 TO NOV 9,82

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	10.0000	10.00000	11.0000
MAXIMUM :	0.0438	0.00020	0.0776
MINIMUM :	0.0008	0.00005	0.0072
RANGE :	0.0430	0.00015	0.0704
ARITH. MEAN :	0.0059	0.00010	0.0328
ARITH. STD. DEV :	0.0134	0.00007	0.0222
GEOM. MEAN :	0.0019	0.00009	0.0266
GEOM. STD. DEV. :	3.6029	1.89072	1.9979
1ST QUARTILE :	0.0009	0.00005	0.0170
2ND QUARTILE :	0.0009	0.00008	0.0216
3RD QUARTILE :	0.0021	0.00015	0.0476
VOL. WGT. MEAN :	0.0038	0.00009	0.0304

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORSET/CUMULATIVE/PRECIP. #20

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	13.0	13.00	12.0000	13.00	13.000	13.000
MAXIMUM :	155.0	51.5	4.45	0.1164	7.15	0.740	0.760
MINIMUM :	22.0	16.4	3.93	0.0612	0.95	0.260	0.060
RANGE :	133.0	35.1	0.52	0.0552	6.20	0.480	0.700
ARITH. MEAN :	79.4	31.1	4.19	0.0884	2.94	0.501	0.228
ARITH. STD. DEV :	39.1	10.8	0.15	0.0202	1.73	0.168	0.215
GEOM. MEAN :	70.1	29.3	4.19	0.0862	2.51	0.474	0.164
GEOM. STD. DEV. :	1.7	1.4	1.04	1.2655	1.81	1.421	2.239
1ST QUARTILE :	50.0	21.0	4.07	0.0709	1.52	0.355	0.085
2ND QUARTILE :	69.0	28.1	4.22	0.0860	2.27	0.450	0.125
3RD QUARTILE :	91.0	38.5	4.27	0.1078	3.70	0.620	0.230
VOL. WGT. MEAN :	********	30.4	********	0.0865	2.81	0.464	0.180

****** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORSET/CUMULATIVE/PRECIP. 820

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	13.000	13.000	13.000	13.000	13.000	13.0000
MAXIMUM :	0.210	1.130	0.155	0.110	0.100	0.890	0.0380
MINIMUM :	0.000	0.090	0.005	0.002	0.002	0.066	0.0005
RANGE :	0.210	1.040	0.150	0.108	0.098	0.824	0.0375
ARITH. MEAN :	0.121	0.438	0.035	0.028	0.044	0.352	0.0078
ARITH. STD. DEV :	0.061	0.308	0.040	0.033	0.031	0.232	0.0106
GEOM. MEAN :	0.141	0.353	0.022	0.016	0.029	0.283	0.0038
GEOM. STD. DEV. :	1.634	2.000	2.864	2.895	3.149	2.054	3.6102
1ST QUARTILE :	0.080	0.225	0.008	0.009	0.012	0.162	0.0012
2ND QUARTILE :	0.130	0.360	0.022	0.015	0.042	0.311	0.0030
3RD QUARTILE :	0.160	0.455	0.042	0.025	0.060	0.423	0.0075
VOL. WGT. MEAN :	0.114	0.374	0.026	0.018	0.042	0.314	0.0059

ONTARIO MINISTRY OF THE ENVIRONMEN;
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORSET/CUMULATIVE/PRECIP. #20

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	12.000	12.0000	12.0000	12.0000	12.000
MAXIMUM :	0.0100	0.0005	0.013	0.1329	0.0100	0.0010	0.111
MINIMUM :	0.0005	0.0005	0.001	0.0073	0.0005	0.0010	0.003
RANGE :	0.0095	0.0000	0.012	0.1256	0.0095	0.0000	0.107
ARITH. MEAN :	0.0023	0.0005	0.004	0.0314	0.0050	0.0010	0.023
ARITH. STD. DEV :	0.0027	0.0000	0.003	0.0337	0.0032	0.0000	0.029
GEOM. MEAN :	0.0015	0.0005	0.004	0.0224	0.0036	0.0010	0.014
GEOM. STD. DEV. :	2.5789	1.0000	1.791	2.2663	2.8005	1.0000	2.590
1ST QUARTILE :	0.0007	0.0005	0.002	0.0106	0.0025	0.0010	0.006
2ND QUARTILE :	0.0010	0.0005	0.004	0.0264	0.0050	0.0010	0.017
3RD QUARTILE :	0.0030	0.0005	0.005	0.0331	0.0070	0.0010	0.023
VOL. WGT. MEAN :	0.0016	0.0005	0.003	0.0230	0.0055	0.0010	0.016

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORSET/CUMULATIVE/PRECIP. #20

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	12.0000	12.00000	13.0000
MAXIMUM :	0.0207	0.00030	0.1175
MINIMUM :	0.0006	0.00005	0.0355
RANGE :	0.0201	0.00025	0.0820
ARITH. MEAN :	0.0025	0.00008	0.0675
ARITH. STD. DEV :	0.0057	0.00007	0.0240
GEOM. MEAN :	0.0011	0.00007	0.0639
GEOM. STD. DEV. :	2.6304	1.73356	1.4068
1ST QUARTILE :	0.0007	0.00005	0.0495
2ND QUARTILE :	0.0008	0.00005	0.0576
3RD QUARTILE :	0.0010	0.00008	0.0750
VOL. WGT. MEAN :	0.0019	0.00007	0.0669

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EAR FALL'S/CUMULATIVE/PRECIP. #35

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	7.0	10.00	10.0000	13.00	13.000	7.000
MAXIMUM :	130.0	23.0	5.93	0.0644	3.25	0.560	0.300
MINIMUM :	4.5	5.5	4.28	0.0230	0.60	0.100	0.100
RANGE :	125.5	17.5	1.65	0.0414	2.65	0.460	0.200
ARITH. MEAN :	47.8	10.1	5.00	0.0370	1.39	0.280	0.177
ARITH. STD. DEV :	36.7	6.3	0.55	0.0130	0.69	0.151	0.067
GEOM. MEAN :	32.9	8.8	4.97	0.0351	1.25	0.243	0.167
GEOM. STD. DEV. :	2.7	1.7	1.12	1.4054	1.60	1.753	1.444
1ST QUARTILE :	15.4	5.8	4.40	0.0240	0.80	0.155	0.110
2ND QUARTILE :	33.3	7.1	5.01	0.0348	1.38	0.215	0.160
3RD QUARTILE :	70.0	10.8	5.35	0.0446	1.59	0.345	0.200
VOL. WGT. MEAN :	********	10.1	********	0.0350	1.21	0.204	0.204

****** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EAR FALL'S/CUMULATIVE/PRECIP. 835

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	8.000	7.000	7.000	7.000	9.000	8.0000
MAXIMUM :	0.240	0.948	0.055	0.210	0.170	0.450	0.0560
MINIMUM :	0.000	0.280	0.010	0.015	0.015	0.120	0.0100
RANGE :	0.240	0.668	0.045	0.195	0.155	0.330	0.0460
ARITH. MEAN :	0.118	0.608	0.033	0.087	0.075	0.298	0.0295
ARITH. STD. DEV :	0.072	0.234	0.016	0.068	0.056	0.121	0.0171
GEOM. MEAN :	0.134	0.566	0.029	0.063	0.056	0.271	0.0251
GEOM. STD. DEV. :	1.693	1.521	1.860	2.548	2.458	1.637	1.8671
1ST QUARTILE :	0.060	0.425	0.012	0.023	0.020	0.178	0.0145
2ND QUARTILE :	0.092	0.590	0.032	0.065	0.060	0.299	0.0274
3RD QUARTILE :	0.140	0.805	0.042	0.113	0.097	0.362	0.0430
VOL. WGT. MEAN :	0.080	0.536	0.034	0.106	0.062	0.305	0.0274

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EAR FALL'S/CUMULATIVE/PRECIP. #35

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83 PAGE : 3

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	6.0000	6.0000	6.000	5.0000	6.0000	6.0000	5.000
MAXIMUM :	0.0220	0.0020	0.018	0.0474	0.0050	0.0010	0.070
MINIMUM :	0.0020	0.0005	0.002	0.0316	0.0005	0.0010	0.017
RANGE :	0.0200	0.0015	0.016	0.0158	0.0045	0.0000	0.053
ARITH. MEAN :	0.0060	0.0008	0.007	0.0379	0.0026	0.0010	0.034
ARITH. STD. DEV :	0.0078	0.0006	0.006	0.0069	0.0017	0.0000	0.021
GEOM. MEAN :	0.0039	0.0007	0.005	0.0374	0.0020	0.0010	0.030
GEOM. STD. DEV. :	2.3677	1.7859	2.320	1.1921	2.4147	1.0000	1.763
1ST QUARTILE :	0.0025	0.0005	0.003	0.0325	0.0007	0.0010	0.018
2ND QUARTILE :	0.0030	0.0005	0.005	0.0338	0.0025	0.0010	0.025
3RD QUARTILE :	0.0030	0.0007	0.008	0.0385	0.0035	0.0010	0.033
VOL. WGT. MEAN :	0.0067	0.0010	0.007	0.0400	0.0029	0.0010	0.041

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EAR FALL'S/CUMULATIVE/PRECIP. #35

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	6.0000	6.00000	10.0000
MAXIMUM :	0.0083	0.00030	0.0525
MINIMUM :	0.0008	0.00005	0.0012
RANGE :	0.0074	0.00025	0.0513
ARITH. MEAN :	0.0031	0.00010	0.0183
ARITH. STD. DEV :	0.0028	0.00010	0.0186
GEOM. MEAN :	0.0023	0.00008	0.0100
GEOM. STD. DEV. :	2.3045	2.07429	3.5310
1ST QUARTILE :	0.0010	0.00005	0.0035
2ND QUARTILE :	0.0023	0.00005	0.0103
3RD QUARTILE :	0.0033	0.00008	0.0283
VOL. WGT. MEAN :	0.0024	0.00008	0.0081

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EXP. LAKES AREA/CUMULATIVE/PRECIP. #34

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	9.0	11.00	10.0000	10.00	10.000	10.000
MAXIMUM :	147.2	20.8	5.28	0.0614	3.75	0.690	0.550
MINIMUM :	10.4	7.1	4.27	0.0282	0.75	0.140	0.180
RANGE :	136.8	13.7	1.01	0.0332	3.00	0.550	0.370
ARITH. MEAN :	48.8	13.4	4.82	0.0412	1.94	0.333	0.285
ARITH. STD. DEV :	42.6	5.6	0.28	0.0101	1.02	0.167	0.118
GEOM. MEAN :	36.2	12.3	4.81	0.0401	1.71	0.299	0.267
GEOM. STD. DEV. :	2.2	1.6	1.06	1.2677	1.72	1.623	1.441
1ST QUARTILE :	19.6	7.8	4.60	0.0327	1.05	0.200	0.195
2ND QUARTILE :	31.0	11.1	4.81	0.0406	1.57	0.280	0.235
3RD QUARTILE :	51.8	17.5	5.00	0.0455	2.67	0.395	0.320
VOL. WGT. MEAN :	*******	11.5	*******	0.0377	1.56	0.264	0.271

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EXP. LAKES AREA/CUMULATIVE/PRECIP. #34

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	10.000	9.000	10.000	10.000	10.000	11.000	9.0000
MAXIMUM :	0.270	1.050	0.100	0.095	0.225	1.030	0.0470
MINIMUM :	0.040	0.340	0.000	0.020	0.015	0.236	0.0015
RANGE :	0.230	0.710	0.100	0.075	0.210	0.794	0.0455
ARITH. MEAN :	0.090	0.594	0.040	0.055	0.056	0.489	0.0144
ARITH. STD. DEV :	0.066	0.242	0.026	0.026	0.061	0.259	0.0133
GEOM. MEAN :	0.077	0.553	0.056	0.049	0.041	0.435	0.0101
GEOM. STD. DEV. :	1.706	1.492	1.709	1.737	2.061	1.646	2.6289
1ST QUARTILE :	0.050	0.370	0.022	0.030	0.027	0.268	0.0065
2ND QUARTILE :	0.075	0.515	0.040	0.050	0.035	0.390	0.0110
3RD QUARTILE :	0.090	0.680	0.045	0.070	0.050	0.645	0.0145
VOL. WGT. MEAN :	0.066	0.517	0.038	0.055	0.042	0.385	0.0126

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EXP. LAKES AREA/CUMULATIVE/PRECIP. #34

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	10.0000	10.0000	10.000	10.0000	10.0000	10.0000	10.000
MAXIMUM :	0.0100	0.0030	0.027	0.1970	0.0050	0.0020	0.092
MINIMUM :	0.0030	0.0005	0.001	0.0105	0.0005	0.0010	0.011
RANGE :	0.0070	0.0025	0.026	0.1865	0.0045	0.0010	0.081
ARITH. MEAN :	0.0061	0.0008	0.008	0.0614	0.0023	0.0011	0.049
ARITH. STD. DEV :	0.0029	0.0008	0.009	0.0562	0.0015	0.0003	0.034
GEOM. MEAN :	0.0055	0.0006	0.005	0.0428	0.0019	0.0011	0.038
GEOM. STD. DEV. :	1.6184	1.7939	2.690	2.5043	2.0537	1.2451	2.262
1ST QUARTILE :	0.0035	0.0005	0.002	0.0192	0.0010	0.0010	0.017
2ND QUARTILE :	0.0050	0.0005	0.005	0.0448	0.0020	0.0010	0.044
3RD QUARTILE :	0.0085	0.0005	0.007	0.0809	0.0030	0.0010	0.078
VOL. WGT. MEAN :	0.0052	0.0006	0.005	0.0553	0.0026	0.0011	0.052

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EXP. LAKES AREA/CUMULATIVE/PRECIP. #34

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	10.0000	10.00000	11.0000
MAXIMUM :	0.0052	0.00070	0.0537
MINIMUM :	0.0007	0.00005	0.0052
RANGE :	0.0045	0.00065	0.0485
ARITH. MEAN :	0.0020	0.00018	0.0186
ARITH. STD. DEV :	0.0015	0.00023	0.0135
GEOM. MEAN :	0.0016	0.00010	0.0153
GEOM. STD. DEV. :	2.0099	2.82995	1.9046
1ST QUARTILE :	0.0008	0.00005	0.0090
2ND QUARTILE :	0.0016	0.00005	0.0138
3RD QUARTILE :	0.0027	0.00015	0.0234
VOL. WGT. MEAN :	0.0015	0.00011	0.0144

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOLDEN LAKE/CUMULATIVE/PRECIP. #17

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH4.5 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	13.0	12.00	13.0000	12.00	13.000	13.000
MAXIMUM :	124.7	46.0	4.64	0.1164	5.40	0.780	0.610
MINIMUM :	15.0	10.1	3.98	0.0424	0.60	0.170	0.090
RANGE :	109.7	35.9	0.66	0.0740	4.80	0.610	0.520
ARITH. MEAN :	50.0	26.3	4.29	0.0775	2.70	0.417	0.238
ARITH. STD. DEV :	29.5	13.0	0.25	0.0254	1.73	0.167	0.168
GEOM. MEAN :	42.2	23.2	4.29	0.0737	2.08	0.386	0.196
GEOM. STD. DEV. :	1.9	1.7	1.06	1.3955	2.28	1.519	1.846
1ST QUARTILE :	22.9	14.7	4.06	0.0604	0.97	0.280	0.135
2ND QUARTILE :	49.3	23.8	4.31	0.0672	2.70	0.370	0.155
3RD QUARTILE :	57.9	34.2	4.51	0.0975	4.05	0.495	0.245
VOL. MGT. MEAN :	*******	28.4	*******	0.0825	2.76	0.432	0.188

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOLDEN LAKE/CUMULATIVE/PRECIP. #17

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	12.000	13.000	13.000	13.000	12.000	13.0000
MAXIMUM :	0.170	1.600	0.115	0.240	0.110	0.980	0.0590
MINIMUM :	0.050	0.120	0.015	0.008	0.005	0.060	0.0005
RANGE :	0.120	1.480	0.100	0.232	0.105	0.920	0.0585
ARITH. MEAN :	0.116	0.546	0.042	0.052	0.038	0.387	0.0153
ARITH. STD. DEV :	0.041	0.483	0.029	0.069	0.029	0.276	0.0170
GEOM. MEAN :	0.109	0.394	0.034	0.030	0.028	0.293	0.0088
GEOM. STD. DEV. :	1.487	2.296	1.847	2.816	2.516	2.316	3.4077
1ST QUARTILE :	0.080	0.230	0.020	0.012	0.017	0.135	0.0060
2ND QUARTILE :	0.110	0.330	0.030	0.030	0.030	0.313	0.0090
3RD QUARTILE :	0.150	0.845	0.045	0.035	0.050	0.580	0.0105
VOL. WGT. MEAN :	0.111	0.471	0.035	0.035	0.034	0.339	0.0126

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOLDEN LAKE/CUMULATIVE/PRECIP. #17

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	13.0000	13.0000	13.000	13.0000	13.0000	13.0000	13.000
MAXIMUM :	0.0090	0.0020	0.053	0.0766	0.0110	0.0010	0.063
MINIMUM :	0.0005	0.0005	0.002	0.0074	0.0005	0.0010	0.004
RANGE :	0.0085	0.0015	0.051	0.0692	0.0105	0.0000	0.059
ARITH. MEAN :	0.0032	0.0006	0.010	0.0382	0.0057	0.0010	0.025
ARITH. STD. DEV :	0.0031	0.0004	0.014	0.0240	0.0033	0.0000	0.020
GEOM. MEAN :	0.0020	0.0006	0.006	0.0307	0.0044	0.0010	0.017
GEOM. STD. DEV. :	2.9087	1.4689	2.322	2.0755	2.4868	1.0000	2.672
1ST QUARTILE :	0.0007	0.0005	0.003	0.0162	0.0035	0.0010	0.007
2ND QUARTILE :	0.0020	0.0005	0.005	0.0312	0.0050	0.0010	0.019
3RD QUARTILE :	0.0040	0.0005	0.007	0.0523	0.0080	0.0010	0.031
VOL. MGT. MEAN :	0.0023	0.0006	0.006	0.0306	0.0063	0.0010	0.019

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOLDEN LAKE/CUMULATIVE/PRECIP. #17

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

		COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES	:	13.0000	13.00000	12.0000
MAXIMUM	:	0.0064	0.00020	0.1047
MINIMUM	:	0.0007	0.00005	0.0229
RANGE	:	0.0056	0.00015	0.0818
ARITH. MEAN	:	0.0021	0.00010	0.0584
ARITH. STD. DEV	:	0.0018	0.00006	0.0312
GEOM. MEAN	:	0.0016	0.00008	0.0507
GEOM. STD. DEV.	:	2.0653	1.80857	1.7600
1ST QUARTILE	:	0.0009	0.00005	0.0315
2ND QUARTILE	:	0.0012	0.00005	0.0485
3RD QUARTILE	:	0.0021	0.00010	0.0872
VOL. WGT. MEAN	:	0.0017	0.00009	0.0640

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOWGANDA/CUMULATIVE/PRECIP. #25

PERIOD OF REPORT : MAR 2,82 TO JAN 4,83 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	11.0	8.0	9.00	9.0000	9.00	9.000	8.000
MAXIMUM :	113.9	41.0	4.64	0.1112	4.80	0.420	0.330
MINIMUM :	10.0	8.9	3.97	0.0372	0.90	0.080	0.040
RANGE :	103.9	32.1	0.67	0.0740	3.90	0.340	0.290
ARITH. MEAN :	42.0	28.2	4.21	0.0851	2.63	0.310	0.145
ARITH. STD. DEV :	30.5	10.4	0.20	0.0247	1.30	0.102	0.101
GEOM. MEAN :	33.3	25.9	4.21	0.0810	2.29	0.285	0.118
GEOM. STD. DEV. :	2.1	1.6	1.05	1.4334	1.81	1.656	2.010
1ST QUARTILE :	17.4	23.3	4.08	0.0656	1.35	0.275	0.080
2ND QUARTILE :	31.4	27.6	4.16	0.0912	2.50	0.305	0.100
3RD QUARTILE :	50.8	36.9	4.21	0.0978	3.27	0.360	0.215
VOL. WGT. MEAN :	*******	25.2	*******	0.0842	2.33	0.286	0.108

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOWGANDA/CUMULATIVE/PRECIP. #25

PERIOD OF REPORT : MAR 2,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	8.000	9.000	8.000	8.000	8.000	8.000	9.0000
MAXIMUM :	0.140	0.830	0.080	0.170	0.085	0.460	0.0600
MINIMUM :	0.000	0.220	0.000	0.000	0.005	0.078	0.0015
RANGE :	0.140	0.610	0.080	0.170	0.080	0.382	0.0585
ARITH. MEAN :	0.081	0.470	0.033	0.062	0.048	0.241	0.0147
ARITH. STD. DEV :	0.044	0.206	0.026	0.050	0.031	0.125	0.0178
GEOM. MEAN :	0.119	0.433	0.048	0.087	0.032	0.208	0.0091
GEOM. STD. DEV. :	1.614	1.536	2.123	1.840	3.282	1.873	2.8030
1ST QUARTILE :	0.055	0.335	0.015	0.037	0.017	0.149	0.0050
2ND QUARTILE :	0.100	0.390	0.027	0.052	0.060	0.240	0.0080
3RD QUARTILE :	0.100	0.490	0.050	0.072	0.070	0.305	0.0135
VOL. WGT. MEAN :	0.084	0.394	0.023	0.045	0.045	0.203	0.0084

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOWGANDA/CUMULATIVE/PRECIP. #25

PERIOD OF REPORT : MAR 2,82 TO JAN 4,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	6.0000	6.0000	6.000	6.0000	6.0000	6.0000	6.000
MAXIMUM :	0.0040	0.0020	0.008	0.0390	0.0080	0.0020	0.026
MINIMUM :	0.0005	0.0005	0.001	0.0108	0.0005	0.0010	0.005
RANGE :	0.0035	0.0015	0.007	0.0282	0.0075	0.0010	0.022
ARITH. MEAN :	0.0021	0.0008	0.005	0.0215	0.0037	0.0012	0.016
ARITH. STD. DEV :	0.0016	0.0006	0.002	0.0108	0.0031	0.0004	0.009
GEOM. MEAN :	0.0016	0.0007	0.004	0.0194	0.0022	0.0011	0.013
GEOM. STD. DEV. :	2.3151	1.7859	1.882	1.6610	3.4718	1.3271	1.978
1ST QUARTILE :	0.0007	0.0005	0.003	0.0113	0.0005	0.0010	0.007
2ND QUARTILE :	0.0015	0.0005	0.005	0.0205	0.0035	0.0010	0.015
3RD QUARTILE :	0.0030	0.0007	0.006	0.0258	0.0055	0.0010	0.022
VOL. WGT. MEAN :	0.0016	0.0007	0.005	0.0206	0.0040	0.0011	0.015

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOWGANDA/CUMULATIVE/PRECIP. #25

PERIOD OF REPORT : MAR 2,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	6.0000	6.00000	9.0000
MAXIMUM :	0.0024	0.00040	0.1072
MINIMUM :	0.0008	0.00005	0.0229
RANGE :	0.0016	0.00035	0.0842
ARITH. MEAN :	0.0015	0.00015	0.0663
ARITH. STD. DEV :	0.0006	0.00013	0.0252
GEOM. MEAN :	0.0014	0.00011	0.0610
GEOM. STD. DEV. :	1.5305	2.24863	1.5951
1ST QUARTILE :	0.0008	0.00005	0.0478
2ND QUARTILE :	0.0014	0.00010	0.0668
3RD QUARTILE :	0.0017	0.00015	0.0742
VOL. WGT. MEAN :	0.0014	0.00013	0.0639

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HURON PARK/CUMULATIVE/PRECIP. #06

PERIOD OF REPORT : FEB 2,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	12.0	12.0	10.00	10.0000	12.00	11.000	10.000
MAXIMUM :	131.8	79.0	5.14	0.1652	11.70	1.410	1.980
MINIMUM :	31.8	11.9	3.83	0.0388	1.55	0.270	0.410
RANGE :	100.0	67.1	1.31	0.1264	10.15	1.140	1.570
ARITH. MEAN :	73.7	37.1	4.35	0.0867	5.22	0.705	0.878
ARITH. STD. DEV :	29.7	18.9	0.39	0.0408	2.92	0.361	0.536
GEOM. MEAN :	68.3	33.0	4.34	0.0790	4.57	0.628	0.757
GEOM. STD. DEV. :	1.5	1.7	1.09	1.5661	1.72	1.662	1.746
1ST QUARTILE :	49.0	25.6	4.09	0.0548	3.85	0.410	0.455
2ND QUARTILE :	73.2	32.2	4.23	0.0778	4.32	0.575	0.645
3RD QUARTILE :	88.3	49.9	4.48	0.0928	5.73	0.945	1.055
VOL. WGT. MEAN :	*******	34.9	*******	0.0851	4.67	0.654	0.736

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HURON PARK/CUMULATIVE/PRECIP. #06

PERIOD OF REPORT : FEB 2,82 TO JAN 4,83 PAGE : 2

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	12.000	11.000	11.000	12.000	12.000	11.0000
MAXIMUM :	0.650	2.330	0.320	0.155	0.400	1.490	0.1430
MINIMUM :	0.040	0.230	0.065	0.010	0.015	0.172	0.0070
RANGE :	0.610	2.100	0.255	0.145	0.385	1.318	0.1360
ARITH. MEAN :	0.290	0.946	0.160	0.067	0.117	0.738	0.0260
ARITH. STD. DEV :	0.223	0.610	0.101	0.054	0.116	0.406	0.0398
GEOM. MEAN :	0.221	0.786	0.134	0.047	0.073	0.631	0.0156
GEOM. STD. DEV. :	2.243	1.912	1.861	2.492	2.867	1.850	2.3862
1ST QUARTILE :	0.135	0.565	0.067	0.022	0.027	0.475	0.0085
2ND QUARTILE :	0.215	0.785	0.118	0.037	0.087	0.660	0.0120
3RD QUARTILE :	0.380	1.275	0.228	0.110	0.165	1.035	0.0160
VOL. WGT. MEAN :	0.240	0.819	0.137	0.057	0.100	0.660	0.0184

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HURON PARK/CUMULATIVE/PRECIP. #06

PERIOD OF REPORT : FEB 2,82 TO JAN 4,83 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	10.0000	10.0000	10.000	10.0000	10.0000	10.0000	10.000
MAXIMUM :	0.0120	0.0010	0.025	0.2343	0.0110	0.0010	0.131
MINIMUM :	0.0010	0.0005	0.004	0.0134	0.0030	0.0010	0.011
RANGE :	0.0110	0.0005	0.021	0.2209	0.0080	0.0000	0.120
ARITH. MEAN :	0.0047	0.0005	0.011	0.0700	0.0078	0.0010	0.048
ARITH. STD. DEV :	0.0033	0.0002	0.006	0.0667	0.0026	0.0000	0.038
GEOM. MEAN :	0.0038	0.0005	0.009	0.0497	0.0073	0.0010	0.037
GEOM. STD. DEV. :	2.0798	1.2451	1.760	2.3571	1.4952	1.0000	2.125
1ST QUARTILE :	0.0020	0.0005	0.005	0.0256	0.0055	0.0010	0.021
2ND QUARTILE :	0.0040	0.0005	0.010	0.0385	0.0080	0.0010	0.031
3RD QUARTILE :	0.0055	0.0005	0.013	0.0877	0.0100	0.0010	0.056
VOL. WGT. MEAN :	0.0041	0.0006	0.010	0.0553	0.0080	0.0010	0.040

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HURON PARK/CUMULATIVE/PRECIP. #06

PERIOD OF REPORT : FEB 2,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	10.0000	10.00000	10.0000
MAXIMUM :	0.0016	0.00010	0.1479
MINIMUM :	0.0007	0.00005	0.0072
RANGE :	0.0009	0.00005	0.1407
ARITH. MEAN :	0.0010	0.00006	0.0594
ARITH. STD. DEV :	0.0003	0.00002	0.0415
GEOM. MEAN :	0.0010	0.00006	0.0445
GEOM. STD. DEV. :	1.3841	1.39769	2.4604
1ST QUARTILE :	0.0007	0.00005	0.0208
2ND QUARTILE :	0.0009	0.00005	0.0594
3RD QUARTILE :	0.0012	0.00008	0.0700
VOL. WGT. MEAN :	0.0009	0.00007	0.0598

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KALADAR/CUMULATIVE/PRECIP. 814

PERIOD OF REPORT : JAN 5,82 TO NOV 9,82

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES	11.0	10.0	11.00	9.0000	11.00	11.000	11.000
MAXIMUM	106.9	56.2	4.68	0.1498	6.60	1.100	0.450
MINIMUM	13.0	22.5	3.90	0.0748	0.55	0.180	0.090
RANGE	93.9	33.7	0.78	0.0750	6.05	0.920	0.360
ARITH. MEAN	60.7	42.1	4.12	0.1099	3.73	0.572	0.262
ARITH. STD. DEV	30.3	11.6	0.24	0.0291	1.54	0.268	0.108
GEOM. MEAN	51.0	40.5	4.11	0.1064	3.25	0.515	0.239
GEOM. STD. DEV.	2.0	1.4	1.06	1.3104	1.93	1.646	1.600
1ST QUARTILE	30.3	30.0	3.93	0.0819	2.60	0.380	0.160
2ND QUARTILE	57.1	43.6	4.02	0.0989	3.93	0.490	0.240
3RD QUARTILE	83.0	51.3	4.21	0.1284	4.35	0.655	0.330
VOL. WGT. MEAN	*******	43.2	*******	0.1119	3.94	0.561	0.242

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KALADAR/CUMULATIVE/PRECIP. #14

PERIOD OF REPORT : JAN 5,82 TO NOV 9,82

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIN MG/L	POTASSIN MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	10.000	10.000	11.000	11.000	10.000	11.000	10.0000
MAXIMUM :	0.340	0.680	0.060	0.190	0.280	0.530	0.0480
MINIMUM :	0.080	0.290	0.005	0.005	0.005	0.092	0.0015
RANGE :	0.260	0.390	0.055	0.185	0.275	0.438	0.0465
ARITH. MEAN :	0.159	0.542	0.035	0.047	0.071	0.391	0.0151
ARITH. STD. DEV :	0.092	0.132	0.017	0.050	0.086	0.130	0.0139
GEOM. MEAN :	0.140	0.526	0.030	0.034	0.040	0.358	0.0100
GEOM. STD. DEV. :	1.666	1.314	2.039	2.378	3.195	1.664	2.8140
1ST QUARTILE :	0.095	0.445	0.020	0.022	0.020	0.289	0.0045
2ND QUARTILE :	0.120	0.550	0.032	0.035	0.030	0.395	0.0125
3RD QUARTILE :	0.170	0.650	0.047	0.040	0.077	0.480	0.0190
VOL. WGT. MEAN :	0.155	0.526	0.034	0.036	0.070	0.388	0.0139

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KALADAR/CUMULATIVE/PRECIP. #14

PERIOD OF REPORT : JAN 5,82 TO NOV 9,82

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	10.0000	10.0000	10.000	10.0000	10.0000	10.0000	10.000
MAXIMUM :	0.0060	0.0010	0.016	0.1119	0.0140	0.0010	0.109
MINIMUM :	0.0010	0.0005	0.003	0.0102	0.0040	0.0010	0.008
RANGE :	0.0050	0.0005	0.013	0.1017	0.0100	0.0000	0.101
ARITH. MEAN :	0.0034	0.0005	0.007	0.0471	0.0081	0.0010	0.037
ARITH. STD. DEV :	0.0016	0.0002	0.004	0.0301	0.0033	0.0000	0.027
GEOM. MEAN :	0.0030	0.0005	0.006	0.0391	0.0075	0.0010	0.031
GEOM. STD. DEV. :	1.7586	1.2451	1.726	1.9540	1.5161	1.0000	1.950
1ST QUARTILE :	0.0020	0.0005	0.004	0.0259	0.0050	0.0010	0.021
2ND QUARTILE :	0.0035	0.0005	0.005	0.0393	0.0075	0.0010	0.033
3RD QUARTILE :	0.0045	0.0005	0.008	0.0511	0.0100	0.0010	0.037
VOL. WGT. MEAN :	0.0032	0.0006	0.006	0.0491	0.0082	0.0010	0.041

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KALADAR/CUMULATIVE/PRECIP. #14

PERIOD OF REPORT : JAN 5,82 TO NOV 9,82

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	10.0000	10.00000	11.0000
MAXIMUM :	0.0070	0.00030	0.1259
MINIMUM :	0.0008	0.00005	0.0209
RANGE :	0.0062	0.00025	0.1050
ARITH. MEAN :	0.0024	0.00008	0.0852
ARITH. STD. DEV :	0.0019	0.00008	0.0343
GEOM. MEAN :	0.0019	0.00007	0.0765
GEOM. STD. DEV. :	2.0415	1.80881	1.7261
1ST QUARTILE :	0.0009	0.00005	0.0484
2ND QUARTILE :	0.0021	0.00005	0.0832
3RD QUARTILE :	0.0029	0.00008	0.1122
VOL. WGT. MEAN :	0.0022	0.00007	0.0923

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KILLARNEY/CUMULATIVE/PRECIP. 823

PERIOD OF REPORT : JAN 5,82 TO JAN 5,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	12.0	13.00	11.0000	12.00	11.000	12.000
MAXIMUM :	149.0	87.0	4.29	0.2020	9.95	1.050	0.630
MINIMUM :	23.0	25.0	3.68	0.0640	1.75	0.220	0.110
RANGE :	126.0	62.0	0.61	0.1380	8.20	0.830	0.520
ARITH. MEAN :	58.1	43.2	4.07	0.1157	3.98	0.653	0.271
ARITH. STD. DEV :	36.9	16.2	0.16	0.0368	2.13	0.255	0.165
GEOM. MEAN :	49.5	41.0	4.06	0.1110	3.61	0.601	0.230
GEOM. STD. DEV. :	1.8	1.4	1.04	1.3496	1.56	1.569	1.818
1ST QUARTILE :	31.0	36.3	4.02	0.0921	2.80	0.445	0.130
2ND QUARTILE :	44.1	38.5	4.07	0.1054	3.52	0.620	0.235
3RD QUARTILE :	65.6	47.5	4.14	0.1225	4.32	0.820	0.375
VOL. MGT. MEAN :	*******	42.0	*******	0.1126	3.80	0.581	0.231

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KILLARNEY/CUMULATIVE/PRECIP. #23

PERIOD OF REPORT : JAN 5,82 TO JAN 5,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	11.000	12.000	10.000	12.000	11.000	11.0000
MAXIMUM :	0.380	1.120	0.125	0.090	0.240	0.940	0.0500
MINIMUM :	0.000	0.210	0.015	0.008	0.000	0.188	0.0010
RANGE :	0.380	0.910	0.110	0.082	0.240	0.752	0.0490
ARITH. MEAN :	0.158	0.497	0.047	0.050	0.055	0.508	0.0114
ARITH. STD. DEV :	0.091	0.260	0.031	0.029	0.064	0.207	0.0143
GEOM. MEAN :	0.180	0.445	0.040	0.039	0.048	0.466	0.0057
GEOM. STD. DEV. :	1.584	1.625	1.805	2.373	3.100	1.585	3.5846
1ST QUARTILE :	0.090	0.280	0.027	0.023	0.015	0.311	0.0015
2ND QUARTILE :	0.160	0.415	0.040	0.047	0.047	0.510	0.0045
3RD QUARTILE :	0.195	0.615	0.050	0.070	0.062	0.590	0.0155
VOL. WGT. MEAN :	0.145	0.415	0.038	0.047	0.046	0.477	0.0070

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KILLARNEY/CUMULATIVE/PRECIP. #23

PERIOD OF REPORT : JAN 5,82 TO JAN 5,83

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	11.0000	11.0000	11.000	11.0000	11.0000	11.0000	11.000
MAXIMUM :	0.0080	0.0010	0.014	0.1404	0.0130	0.0020	0.138
MINIMUM :	0.0010	0.0005	0.003	0.0082	0.0005	0.0010	0.004
RANGE :	0.0070	0.0005	0.011	0.1322	0.0125	0.0010	0.134
ARITH. MEAN :	0.0033	0.0006	0.008	0.0462	0.0083	0.0011	0.044
ARITH. STD. DEV :	0.0020	0.0002	0.003	0.0380	0.0039	0.0003	0.038
GEOM. MEAN :	0.0028	0.0006	0.007	0.0352	0.0066	0.0011	0.031
GEOM. STD. DEV. :	1.7629	1.3236	1.527	2.1749	2.5505	1.2324	2.601
1ST QUARTILE :	0.0020	0.0005	0.005	0.0216	0.0045	0.0010	0.013
2ND QUARTILE :	0.0025	0.0005	0.008	0.0282	0.0095	0.0010	0.028
3RD QUARTILE :	0.0040	0.0005	0.009	0.0633	0.0110	0.0010	0.058
VOL. WGT. MEAN :	0.0027	0.0006	0.007	0.0375	0.0080	0.0010	0.036

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KILLARNEY/CUMULATIVE/PRECIP. #23

PERIOD OF REPORT : JAN 5,82 TO JAN 5,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	11.0000	11.00000	13.0000
MAXIMUM :	0.0683	0.00030	0.2089
MINIMUM :	0.0008	0.00005	0.0513
RANGE :	0.0675	0.00025	0.1576
ARITH. MEAN :	0.0075	0.00009	0.0919
ARITH. STD. DEV :	0.0202	0.00007	0.0412
GEOM. MEAN :	0.0020	0.00007	0.0856
GEOM. STD. DEV. :	3.5101	1.77452	1.4494
1ST QUARTILE :	0.0009	0.00005	0.0646
2ND QUARTILE :	0.0012	0.00005	0.0851
3RD QUARTILE :	0.0021	0.00010	0.0891
VOL. WGT. MEAN :	0.0059	0.00008	0.0854

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : LAC LA CROIX/CUMULATIVE/PRECIP. #33

PERIOD OF REPORT : MAR 2,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	11.0	8.0	7.00	9.0000	9.00	9.000	8.000
MAXIMUM :	151.6	21.0	5.68	0.0680	2.66	0.480	0.330
MINIMUM :	28.2	6.9	4.39	0.0210	0.80	0.150	0.110
RANGE :	123.4	14.1	1.29	0.0470	1.86	0.330	0.220
ARITH. MEAN :	69.0	13.3	4.91	0.0408	1.42	0.267	0.205
ARITH. STD. DEV :	43.8	5.2	0.41	0.0130	0.61	0.105	0.076
GEOM. MEAN :	58.4	12.4	4.89	0.0390	1.32	0.251	0.193
GEOM. STD. DEV. :	1.8	1.5	1.09	1.3803	1.50	1.440	1.452
1ST QUARTILE :	31.5	9.5	4.52	0.0331	0.90	0.195	0.155
2ND QUARTILE :	49.6	12.8	4.75	0.0385	1.25	0.225	0.190
3RD QUARTILE :	84.7	17.0	5.05	0.0429	1.52	0.275	0.255
VOL. WGT. MEAN :	*******	11.4	*******	0.0362	1.32	0.243	0.225

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : LAC LA CROIX/CUMULATIVE/PRECIP. #33

PERIOD OF REPORT : MAR 2,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	8.000	7.000	8.000	7.000	8.000	8.000	7.0000
MAXIMUM :	0.170	1.000	0.055	0.105	0.100	0.590	0.0330
MINIMUM :	0.050	0.310	0.020	0.025	0.020	0.190	0.0060
RANGE :	0.120	0.690	0.035	0.080	0.080	0.400	0.0270
ARITH. MEAN :	0.087	0.537	0.033	0.055	0.052	0.337	0.0150
ARITH. STD. DEV :	0.037	0.232	0.015	0.029	0.028	0.147	0.0092
GEOM. MEAN :	0.081	0.502	0.031	0.049	0.046	0.313	0.0129
GEOM. STD. DEV. :	1.447	1.471	1.524	1.652	1.695	1.506	1.7931
1ST QUARTILE :	0.065	0.355	0.022	0.030	0.035	0.232	0.0065
2ND QUARTILE :	0.078	0.420	0.025	0.040	0.042	0.291	0.0125
3RD QUARTILE :	0.095	0.605	0.047	0.070	0.072	0.436	0.0170
VOL. WGT. MEAN :	0.078	0.507	0.036	0.056	0.045	0.308	0.0155

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : LAC LA CROIX/CUMULATIVE/PRECIP. #33

PERIOD OF REPORT : MAR 2,82 TO JAN 4,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	8.0000	8.0000	8.000	8.0000	8.0000	8.0000	8.000
MAXIMUM :	0.0080	0.0020	0.020	0.1460	0.0070	0.0020	0.096
MINIMUM :	0.0020	0.0005	0.001	0.0168	0.0005	0.0010	0.012
RANGE :	0.0060	0.0015	0.019	0.1292	0.0065	0.0010	0.084
ARITH. MEAN :	0.0047	0.0007	0.008	0.0687	0.0034	0.0011	0.042
ARITH. STD. DEV :	0.0021	0.0005	0.006	0.0474	0.0024	0.0004	0.032
GEOM. MEAN :	0.0043	0.0006	0.006	0.0549	0.0024	0.0011	0.032
GEOM. STD. DEV. :	1.6838	1.6748	2.186	2.0977	2.8174	1.2777	2.257
1ST QUARTILE :	0.0030	0.0005	0.005	0.0358	0.0012	0.0010	0.014
2ND QUARTILE :	0.0050	0.0005	0.006	0.0523	0.0035	0.0010	0.031
3RD QUARTILE :	0.0060	0.0007	0.010	0.1053	0.0050	0.0010	0.069
VOL. WGT. MEAN :	0.0045	0.0006	0.007	0.0615	0.0027	0.0011	0.041

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : LAC LA CROIX/CUMULATIVE/PRECIP. #33

PERIOD OF REPORT : MAR 2,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	8.0000	8.00000	7.0000
MAXIMUM :	0.0050	0.00030	0.0407
MINIMUM :	0.0007	0.00005	0.0021
RANGE :	0.0044	0.00025	0.0386
ARITH. MEAN :	0.0020	0.00014	0.0169
ARITH. STD. DEV :	0.0014	0.00011	0.0126
GEOM. MEAN :	0.0017	0.00011	0.0124
GEOM. STD. DEV. :	1.8625	2.18041	2.5896
1ST QUARTILE :	0.0012	0.00005	0.0051
2ND QUARTILE :	0.0017	0.00010	0.0125
3RD QUARTILE :	0.0024	0.00025	0.0211
VOL. WGT. MEAN :	0.0018	0.00013	0.0120

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MATTAWA/CUMULATIVE/PRECIP. #22

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	11.0	12.00	11.0000	11.00	11.000	13.000
MAXIMUM :	124.0	58.5	4.46	0.1332	6.95	0.830	0.620
MINIMUM :	20.0	15.6	3.85	0.0402	1.00	0.140	0.030
RANGE :	104.0	42.9	0.61	0.0930	5.95	0.690	0.590
ARITH. MEAN :	68.3	30.4	4.22	0.0861	2.71	0.479	0.218
ARITH. STD. DEV :	30.1	12.9	0.18	0.0263	1.91	0.245	0.196
GEOM. MEAN :	60.7	28.3	4.21	0.0821	2.23	0.415	0.146
GEOM. STD. DEV. :	1.7	1.5	1.04	1.4029	1.89	1.813	2.618
1ST QUARTILE :	53.6	21.3	4.09	0.0617	1.38	0.220	0.070
2ND QUARTILE :	63.2	23.8	4.28	0.0858	1.60	0.425	0.100
3RD QUARTILE :	85.1	36.1	4.35	0.1019	3.90	0.690	0.300
VOL. WGT. MEAN :	*******	27.5	*******	0.0807	2.44	0.430	0.183

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MATTAWA/CUMULATIVE/PRECIP. #22

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	11.000	10.000	13.000	13.000	13.000	11.000	12.0000
MAXIMUM :	0.830	1.030	0.115	0.100	0.600	0.730	0.0550
MINIMUM :	0.030	0.170	0.000	0.000	0.000	0.090	0.0010
RANGE :	0.800	0.860	0.115	0.100	0.600	0.640	0.0540
ARITH. MEAN :	0.206	0.382	0.033	0.038	0.105	0.300	0.0112
ARITH. STD. DEV :	0.219	0.260	0.031	0.033	0.159	0.231	0.0144
GEOM. MEAN :	0.146	0.324	0.034	0.062	0.077	0.229	0.0070
GEOM. STD. DEV. :	2.348	1.785	2.300	2.139	2.930	2.159	2.6817
1ST QUARTILE :	0.080	0.180	0.010	0.017	0.023	0.120	0.0060
2ND QUARTILE :	0.135	0.315	0.017	0.027	0.052	0.141	0.0070
3RD QUARTILE :	0.225	0.440	0.045	0.042	0.085	0.430	0.0095
VOL. WGT. MEAN :	0.187	0.350	0.027	0.031	0.084	0.290	0.0082

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MATTAWA/CUMULATIVE/PRECIP. #22

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES	12.0000	12.0000	11.000	10.0000	12.0000	12.0000	10.000
MAXIMUM	0.0080	0.0030	0.009	0.1031	0.0100	0.0020	0.107
MINIMUM	0.0010	0.0005	0.001	0.0193	0.0020	0.0010	0.013
RANGE	0.0070	0.0025	0.007	0.0838	0.0080	0.0010	0.094
ARITH. MEAN	0.0037	0.0008	0.005	0.0576	0.0056	0.0011	0.044
ARITH. STD. DEV	0.0023	0.0007	0.002	0.0345	0.0029	0.0003	0.029
GEOM. MEAN	0.0031	0.0007	0.004	0.0479	0.0049	0.0011	0.036
GEOM. STD. DEV.	1.8423	1.7336	1.731	1.9355	1.7407	1.2215	1.987
1ST QUARTILE	0.0020	0.0005	0.003	0.0256	0.0040	0.0010	0.016
2ND QUARTILE	0.0035	0.0005	0.004	0.0463	0.0045	0.0010	0.037
3RD QUARTILE	0.0040	0.0007	0.006	0.0898	0.0 30	0.0010	0.057
VOL. WGT. MEAN	0.0031	0.0007	0.004	0.0494	0.0051	0.0010	0.038

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HATTAWA/CUMULATIVE/PRECIP. 822

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES	11.0000	12.00000	12.0000
MAXIMUM	0.0047	0.00040	0.1413
MINIMUM	0.0008	0.00005	0.0347
RANGE	0.0039	0.00035	0.1066
ARITH. MEAN	0.0020	0.00010	0.0657
ARITH. STD. DEV	0.0014	0.00011	0.0299
GEOM. MEAN	0.0017	0.00007	0.0606
GEOM. STD. DEV.	1.9019	2.00000	1.5003
1ST QUARTILE	0.0009	0.00005	0.0447
2ND QUARTILE	0.0015	0.00005	0.0519
3RD QUARTILE	0.0026	0.00008	0.0823
VOL. WGT. MEAN	0.0019	0.00009	0.0615

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MCKELLAR/CUMULATIVE/PRECIP. 021

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	11.0000	11.0000	11.000	11.0000	11.0000	11.0000	11.000
MAXIMUM :	0.0210	0.0010	0.013	0.1303	0.0150	0.0020	0.116
MINIMUM :	0.0005	0.0005	0.003	0.0107	0.0005	0.0010	0.004
RANGE :	0.0205	0.0005	0.010	0.1196	0.0145	0.0010	0.112
ARITH. MEAN :	0.0043	0.0006	0.006	0.0512	0.0072	0.0011	0.040
ARITH. STD. DEV :	0.0058	0.0002	0.003	0.0361	0.0048	0.0003	0.034
GEOM. MEAN :	0.0025	0.0006	0.006	0.0393	0.0053	0.0011	0.026
GEOM. STD. DEV. :	2.7925	1.3236	1.683	2.2561	2.6904	1.2324	3.010
1ST QUARTILE :	0.0010	0.0005	0.003	0.0145	0.0030	0.0010	0.008
2ND QUARTILE :	0.0020	0.0005	0.005	0.0458	0.0060	0.0010	0.033
3RD QUARTILE :	0.0045	0.0005	0.009	0.0650	0.0100	0.0010	0.057
VOL. WGT. MEAN :	0.0027	0.0006	0.006	0.0366	0.0065	0.0010	0.026

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MCKELLAR/CUMULATIVE/PRECIP. #21

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	11.0000	11.00000	12.0000
MAXIMUM :	0.0054	0.00020	0.1698
MINIMUM :	0.0006	0.00005	0.0269
RANGE :	0.0048	0.00015	0.1429
ARITH. MEAN :	0.0019	0.00010	0.0763
ARITH. STD. DEV :	0.0014	0.00006	0.0418
GEOM. MEAN :	0.0015	0.00008	0.0663
GEOM. STD. DEV. :	2.0097	1.72458	1.7595
1ST QUARTILE :	0.0007	0.00005	0.0410
2ND QUARTILE :	0.0012	0.00008	0.0726
3RD QUARTILE :	0.0023	0.00010	0.0933
VOL. WGT. MEAN :	0.0013	0.00008	0.0710

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MCKELLAR/CUMULATIVE/PRECIP. 821

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	11.0	12.00	11.0000	10.00	12.000	10.000
MAXIMUM :	162.0	79.5	4.57	0.1632	4.15	1.180	0.460
MINIMUM :	22.0	15.3	3.77	0.0470	0.55	0.320	0.080
RANGE :	140.0	64.2	0.80	0.1162	3.60	0.860	0.380
ARITH. MEAN :	71.8	37.4	4.18	0.1012	2.54	0.583	0.212
ARITH. STD. DEV :	43.5	18.1	0.25	0.0345	1.27	0.262	0.145
GEOM. MEAN :	59.4	33.8	4.17	0.0955	2.14	0.536	0.173
GEOM. STD. DEV. :	1.9	1.6	1.06	1.4439	2.03	1.525	1.943
1ST QUARTILE :	30.5	22.2	4.03	0.0665	1.35	0.355	0.095
2ND QUARTILE :	60.5	33.3	4.14	0.0947	2.65	0.525	0.155
3RD QUARTILE :	89.4	42.3	4.39	0.1236	3.40	0.775	0.260
VOL. WGT. MEAN :	*******	33.3	*******	0.0945	2.79	0.520	0.193

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MCKELLAR/CUMULATIVE/PRECIP. #21

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83 PAGE : 2

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES	10.000	9.000	10.000	11.000	10.000	11.000	8.0000
MAXIMUM	0.640	0.850	0.075	0.150	0.270	0.660	0.0160
MINIMUM	0.040	0.230	0.005	0.000	0.010	0.082	0.0010
RANGE	0.600	0.620	0.070	0.150	0.260	0.578	0.0150
ARITH. MEAN	0.238	0.527	0.030	0.054	0.095	0.359	0.0070
ARITH. STD. DEV	0.171	0.239	0.021	0.044	0.080	0.181	0.0049
GEOM. MEAN	0.189	0.476	0.024	0.097	0.066	0.309	0.0049
GEOM. STD. DEV.	2.135	1.633	2.256	2.011	2.653	1.869	2.8286
1ST QUARTILE	0.115	0.305	0.012	0.015	0.030	0.188	0.0030
2ND QUARTILE	0.195	0.450	0.032	0.042	0.075	0.319	0.0075
3RD QUARTILE	0.265	0.655	0.037	0.072	0.115	0.495	0.0090
VOL. WGT. MEAN	0.198	0.486	0.030	0.040	0.073	0.357	0.0058

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MERLIN/CUMULATIVE/PRECIP. #02

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	13.0	11.00	13.0000	12.00	12.000	11.000
MAXIMUM :	117.0	93.8	5.16	0.2120	17.50	1.610	1.860
MINIMUM :	12.4	15.5	3.69	0.0364	2.45	0.290	0.320
RANGE :	104.6	78.3	1.47	0.1756	15.05	1.320	1.540
ARITH. MEAN :	61.1	48.7	4.26	0.1052	5.85	0.752	0.793
ARITH. STD. DEV :	30.4	28.6	0.46	0.0709	4.68	0.445	0.520
GEOM. MEAN :	52.9	40.9	4.24	0.0856	4.74	0.647	0.667
GEOM. STD. DEV. :	1.8	1.9	1.11	1.9385	1.87	1.765	1.820
1ST QUARTILE :	39.3	22.6	3.81	0.0479	3.15	0.460	0.380
2ND QUARTILE :	58.2	36.3	4.17	0.0649	3.88	0.545	0.585
3RD QUARTILE :	68.5	69.3	4.55	0.1491	6.45	1.090	1.005
VOL. WGT. MEAN :	*******	39.2	*******	0.0885	4.59	0.605	0.622

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MERLIN/CUMULATIVE/PRECIP. #02

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	11.000	12.000	12.000	11.000	13.000	10.0000
MAXIMUM :	1.230	1.900	0.800	0.155	0.905	1.680	0.1050
MINIMUM :	0.040	0.240	0.060	0.002	0.025	0.084	0.0015
RANGE :	1.190	1.660	0.740	0.152	0.880	1.596	0.1035
ARITH. MEAN :	0.425	0.910	0.219	0.056	0.214	0.675	0.0266
ARITH. STD. DEV :	0.325	0.547	0.211	0.046	0.255	0.522	0.0297
GEOM. MEAN :	0.320	0.771	0.158	0.039	0.129	0.495	0.0163
GEOM. STD. DEV. :	2.357	1.852	2.243	2.857	2.849	2.395	3.1227
1ST QUARTILE :	0.195	0.490	0.080	0.030	0.045	0.231	0.0090
2ND QUARTILE :	0.325	0.715	0.145	0.040	0.127	0.520	0.0200
3RD QUARTILE :	0.480	1.210	0.277	0.075	0.192	0.685	0.0250
VOL. WGT. MEAN :	0.371	0.806	0.192	0.053	0.210	0.508	0.0240

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HERLIN/CUMULATIVE/PRECIP. #02

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83 PAGE : 3

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	9.0000	9.0000	9.000	8.0000	8.0000	9.0000	8.000
MAXIMUM :	0.0100	0.0010	0.018	0.5420	0.0220	0.0010	0.215
MINIMUM :	0.0020	0.0005	0.005	0.0263	0.0030	0.0010	0.016
RANGE :	0.0080	0.0005	0.013	0.5157	0.0190	0.0000	0.199
ARITH. MEAN :	0.0050	0.0006	0.009	0.1230	0.0090	0.0010	0.072
ARITH. STD. DEV :	0.0027	0.0002	0.004	0.1728	0.0060	0.0000	0.067
GEOM. MEAN :	0.0044	0.0005	0.008	0.0725	0.0076	0.0010	0.050
GEOM. STD. DEV. :	1.6797	1.2599	1.530	2.6632	1.8726	1.0000	2.514
1ST QUARTILE :	0.0030	0.0005	0.006	0.0365	0.0050	0.0010	0.024
2ND QUARTILE :	0.0040	0.0005	0.007	0.0597	0.0075	0.0010	0.052
3RD QUARTILE :	0.0050	0.0005	0.008	0.1118	0.0110	0.0010	0.096
VOL. WGT. MEAN :	0.0044	0.0006	0.008	0.1025	0.0076	0.0010	0.059

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MERLIN/CUMULATIVE/PRECIP. 802

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	9.0000	9.00000	11.0000
MAXIMUM :	0.0039	0.00020	0.2042
MINIMUM :	0.0007	0.00005	0.0069
RANGE :	0.0032	0.00015	0.1973
ARITH. MEAN :	0.0017	0.00011	0.0830
ARITH. STD. DEV :	0.0010	0.00007	0.0683
GEOM. MEAN :	0.0014	0.00009	0.0548
GEOM. STD. DEV. :	1.7661	1.96132	2.9033
1ST QUARTILE :	0.0009	0.00005	0.0193
2ND QUARTILE :	0.0011	0.00005	0.0546
3RD QUARTILE :	0.0019	0.00015	0.1303
VOL. WGT. MEAN :	0.0015	0.00009	0.0666

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MILTON/CUMULATIVE/PRECIP. #10

PERIOD OF REPORT : JAN 4,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	9.0	3.00	4.0000	7.00	9.000	1.000
MAXIMUM :	130.0	47.2	4.53	0.0734	6.85	1.330	0.620
MINIMUM :	33.0	20.8	4.27	0.0412	2.95	0.330	0.620
RANGE :	97.0	26.4	0.26	0.0322	3.90	1.000	0.000
ARITH. MEAN :	73.1	33.4	4.44	0.0602	4.94	0.797	********
ARITH. STD. DEV :	27.7	8.7	0.14	0.0155	1.63	0.298	********
GEOM. MEAN :	68.2	32.3	4.44	0.0586	4.69	0.743	********
GEOM. STD. DEV. :	1.5	1.3	1.03	1.3151	1.42	1.512	********
1ST QUARTILE :	51.0	25.4	*******	0.0476	2.97	0.580	********
2ND QUARTILE :	65.5	33.4	*******	0.0631	4.52	0.740	********
3RD QUARTILE :	88.0	36.5	*******	0.0728	6.35	0.920	********
VOL. WGT. MEAN :	*******	32.8	*******	0.0633	5.12	0.749	********

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MILTON/CUMULATIVE/PRECIP. #10

PERIOD OF REPORT : JAN 4,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	9.000	7.000	2.000	10.000	8.000	8.000	9.0000
MAXIMUM :	2.530	1.750	0.260	0.275	0.430	1.010	0.0950
MINIMUM :	0.230	0.540	0.050	0.020	0.025	0.260	0.0100
RANGE :	2.300	1.210	0.210	0.255	0.405	0.750	0.0850
ARITH. MEAN :	0.617	0.906	0.155	0.120	0.135	0.631	0.0404
ARITH. STD. DEV :	0.746	0.465	0.148	0.088	0.149	0.284	0.0323
GEOM. MEAN :	0.420	0.820	0.114	0.089	0.080	0.568	0.0302
GEOM. STD. DEV. :	2.258	1.592	3.208	2.428	2.975	1.677	2.2648
1ST QUARTILE :	0.245	0.545	********	0.037	0.032	0.370	0.0155
2ND QUARTILE :	0.265	0.655	********	0.127	0.065	0.635	0.0225
3RD QUARTILE :	0.505	1.095	********	0.140	0.215	0.885	0.0475
VOL. WGT. MEAN :	0.464	0.888	0.157	0.134	0.119	0.652	0.0406

***** : INSUFFICIENT DATA OR NOT APPLICABLE

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MILTON/CUMULATIVE/PRECIP. #10

PERIOD OF REPORT : JAN 4,82 TO JAN 4,83 PAGE : 3

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	9.0000	9.0000	9.000	9.0000	9.0000	9.0000	9.000
MAXIMUM :	0.0210	0.0010	0.036	0.2765	0.0150	0.0010	0.166
MINIMUM :	0.0040	0.0005	0.004	0.0188	0.0030	0.0010	0.018
RANGE :	0.0170	0.0005	0.032	0.2576	0.0120	0.0000	0.148
ARITH. MEAN :	0.0098	0.0006	0.013	0.0938	0.0087	0.0010	0.057
ARITH. STD. DEV :	0.0052	0.0002	0.009	0.0838	0.0035	0.0000	0.053
GEOM. MEAN :	0.0086	0.0006	0.011	0.0660	0.0079	0.0010	0.041
GEOM. STD. DEV. :	1.7033	1.3575	1.819	2.4692	1.6091	1.0000	2.267
1ST QUARTILE :	0.0050	0.0005	0.009	0.0303	0.0060	0.0010	0.021
2ND QUARTILE :	0.0095	0.0005	0.010	0.0550	0.0085	0.0010	0.026
3RD QUARTILE :	0.0110	0.0005	0.014	0.1135	0.0100	0.0010	0.057
VOL. WGT. MEAN :	0.0096	0.0006	0.012	0.0800	0.0093	0.0010	0.049

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MILTON/CUMULATIVE/PRECIP. #10

PERIOD OF REPORT : JAN 4,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	9.0000	9.00000	3.0000
MAXIMUM :	0.0060	0.00020	0.0537
MINIMUM :	0.0008	0.00005	0.0295
RANGE :	0.0052	0.00015	0.0242
ARITH. MEAN :	0.0019	0.00011	0.0380
ARITH. STD. DEV :	0.0018	0.00005	0.0136
GEOM. MEAN :	0.0015	0.00010	0.0366
GEOM. STD. DEV. :	2.0289	1.63253	1.3954
1ST QUARTILE :	0.0009	0.00008	********
2ND QUARTILE :	0.0011	0.00010	********
3RD QUARTILE :	0.0015	0.00010	********
VOL. WGT. MEAN :	0.0016	0.00011	0.0410

***** : INSUFFICIENT DATA OR NOT APPLICABLE

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MOONBEAM/CUMULATIVE/PRECIP. #27

PERIOD OF REPORT : JAN 5,82 TO JAN 6,83 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	12.0	11.00	11.0000	11.00	12.000	12.000
MAXIMUM :	122.0	57.0	4.94	0.1262	8.10	0.730	0.860
MINIMUM :	19.0	8.3	3.89	0.0302	0.90	0.080	0.060
RANGE :	103.0	48.7	1.05	0.0960	7.20	0.650	0.800
ARITH. MEAN :	58.9	19.2	4.48	0.0571	2.13	0.275	0.235
ARITH. STD. DEV :	36.5	12.8	0.27	0.0252	2.06	0.182	0.240
GEOM. MEAN :	49.0	16.8	4.47	0.0534	1.68	0.229	0.160
GEOM. STD. DEV. :	1.9	1.7	1.06	1.4419	1.87	1.879	2.409
1ST QUARTILE :	26.9	11.5	4.35	0.0394	0.97	0.160	0.080
2ND QUARTILE :	42.5	17.4	4.44	0.0535	1.42	0.190	0.120
3RD QUARTILE :	82.5	20.7	4.58	0.0589	1.95	0.370	0.345
VOL. WGT. MEAN :	*******	16.0	*******	0.0516	1.68	0.208	0.173

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MOONBEAM/CUMULATIVE/PRECIP. #27

PERIOD OF REPORT : JAN 5,82 TO JAN 6,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES	12.000	11.000	12.000	12.000	12.000	10.000	11.0000
MAXIMUM	0.360	1.170	0.145	0.070	0.195	0.980	0.0240
MINIMUM	0.000	0.150	0.005	0.000	0.000	0.070	0.0010
RANGE	0.360	1.020	0.140	0.070	0.195	0.910	0.0230
ARITH. MEAN	0.085	0.336	0.042	0.031	0.049	0.261	0.0065
ARITH. STD. DEV	0.096	0.296	0.040	0.021	0.051	0.272	0.0062
GEOM. MEAN	0.060	0.271	0.030	0.038	0.050	0.188	0.0048
GEOM. STD. DEV.	2.457	1.849	2.410	2.160	2.523	2.220	2.2502
1ST QUARTILE	0.035	0.157	0.020	0.017	0.020	0.099	0.0025
2ND QUARTILE	0.065	0.215	0.025	0.030	0.042	0.147	0.0050
3RD QUARTILE	0.085	0.365	0.055	0.050	0.060	0.283	0.0065
VOL. WGT. MEAN	0.060	0.301	0.032	0.031	0.039	0.218	0.0054

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MOONBEAM/CUMULATIVE/PRECIP. #27

PERIOD OF REPORT : JAN 5,82 TO JAN 6,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	11.0000	11.0000	10.000	10.0000	11.0000	11.0000	10.000
MAXIMUM :	0.0090	0.0010	0.025	0.1016	0.0120	0.0020	0.090
MINIMUM :	0.0005	0.0005	0.001	0.0064	0.0005	0.0010	0.005
RANGE :	0.0085	0.0005	0.024	0.0952	0.0115	0.0010	0.085
ARITH. MEAN :	0.0022	0.0005	0.008	0.0350	0.0041	0.0011	0.028
ARITH. STD. DEV :	0.0025	0.0002	0.009	0.0368	0.0042	0.0003	0.028
GEOM. MEAN :	0.0015	0.0005	0.005	0.0217	0.0022	0.0011	0.017
GEOM. STD. DEV. :	2.5074	1.2324	2.775	2.7821	3.5491	1.2324	2.868
1ST QUARTILE :	0.0005	0.0005	0.002	0.0082	0.0005	0.0010	0.006
2ND QUARTILE :	0.0015	0.0005	0.005	0.0181	0.0015	0.0010	0.016
3RD QUARTILE :	0.0020	0.0005	0.006	0.0386	0.0070	0.0010	0.037
VOL. WGT. MEAN :	0.0017	0.0005	0.007	0.0245	0.0038	0.0010	0.020

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HOONBEAM/CUMULATIVE/PRECIP. #27

PERIOD OF REPORT : JAN 5,82 TO JAN 6,83

		COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES	:	11.0000	11.00000	11.0000
MAXIMUM	:	0.0098	0.00080	0.1288
MINIMUM	:	0.0007	0.00005	0.0115
RANGE	:	0.0091	0.00075	0.1173
ARITH. MEAN	:	0.0027	0.00017	0.0404
ARITH. STD. DEV	:	0.0027	0.00023	0.0313
GEOM. MEAN	:	0.0019	0.00010	0.0335
GEOM. STD. DEV.	:	2.2583	2.63124	1.8454
1ST QUARTILE	:	0.0009	0.00005	0.0218
2ND QUARTILE	:	0.0016	0.00005	0.0324
3RD QUARTILE	:	0.0030	0.00020	0.0437
VOL. WGT. MEAN	:	0.0022	0.00019	0.0339

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NAKINA/CUMULATIVE/PRECIP. #30

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	10.0	9.00	9.0000	13.00	13.000	8.000
MAXIMUM :	107.5	19.2	6.09	0.0606	3.70	0.420	0.370
MINIMUM :	9.8	5.9	4.52	0.0214	0.65	0.070	0.090
RANGE :	97.7	13.3	1.57	0.0392	3.05	0.350	0.280
ARITH. MEAN :	48.9	10.7	5.00	0.0341	1.46	0.232	0.246
ARITH. STD. DEV :	32.4	4.7	0.48	0.0129	0.79	0.101	0.093
GEOM. MEAN :	38.9	9.8	4.98	0.0322	1.31	0.210	0.227
GEOM. STD. DEV. :	2.1	1.5	1.10	1.4218	1.59	1.638	1.589
1ST QUARTILE :	20.7	6.5	4.60	0.0226	0.90	0.165	0.185
2ND QUARTILE :	37.5	9.3	4.89	0.0307	1.27	0.220	0.255
3RD QUARTILE :	62.5	12.4	5.02	0.0354	1.60	0.265	0.315
VOL. MGT. MEAN :	********	9.5	*******	0.0325	1.42	0.194	0.232

****** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NAKINA/CUMULATIVE/PRECIP. #30

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	10.000	9.000	12.000	12.000	11.000	9.0000
MAXIMUM :	0.220	1.380	0.110	0.115	0.170	0.530	0.0320
MINIMUM :	0.010	0.150	0.025	0.015	0.015	0.004	0.0050
RANGE :	0.210	1.230	0.085	0.100	0.155	0.526	0.0270
ARITH. MEAN :	0.097	0.509	0.052	0.048	0.058	0.223	0.0124
ARITH. STD. DEV :	0.058	0.339	0.026	0.031	0.043	0.132	0.0093
GEOM. MEAN :	0.077	0.436	0.047	0.040	0.046	0.154	0.0099
GEOM. STD. DEV. :	2.281	1.775	1.610	1.898	1.991	3.645	2.0160
1ST QUARTILE :	0.050	0.315	0.030	0.022	0.027	0.122	0.0050
2ND QUARTILE :	0.085	0.420	0.045	0.040	0.050	0.231	0.0070
3RD QUARTILE :	0.135	0.490	0.060	0.070	0.070	0.261	0.0150
VOL. WGT. MEAN :	0.079	0.505	0.049	0.051	0.049	0.251	0.0148

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NAKINA/CUMULATIVE/PRECIP. #30

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83 PAGE : 3

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	11.0000	11.0000	10.000	10.0000	11.0000	11.0000	10.000
MAXIMUM :	0.0080	0.0010	0.017	0.3352	0.0110	0.0020	0.073
MINIMUM :	0.0005	0.0005	0.001	0.0059	0.0005	0.0010	0.003
RANGE :	0.0075	0.0005	0.015	0.3283	0.0105	0.0010	0.070
ARITH. MEAN :	0.0034	0.0005	0.007	0.0650	0.0040	0.0011	0.032
ARITH. STD. DEV :	0.0024	0.0002	0.005	0.0979	0.0035	0.0003	0.023
GEOM. MEAN :	0.0025	0.0005	0.005	0.0357	0.0027	0.0011	0.024
GEOM. STD. DEV. :	2.5057	1.2324	2.362	2.8682	2.6346	1.2324	2.433
1ST QUARTILE :	0.0012	0.0005	0.002	0.0192	0.0010	0.0010	0.015
2ND QUARTILE :	0.0025	0.0005	0.007	0.0280	0.0025	0.0010	0.026
3RD QUARTILE :	0.0040	0.0005	0.009	0.0510	0.0045	0.0010	0.034
VOL. WGT. MEAN :	0.0028	0.0005	0.006	0.0562	0.0032	0.0011	0.030

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NAKINA/CUMULATIVE/PRECIP. #30

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	11.0000	11.00000	9.0000
MAXIMUM :	0.0023	0.00030	0.0302
MINIMUM :	0.0007	0.00005	0.0008
RANGE :	0.0016	0.00025	0.0294
ARITH. MEAN :	0.0014	0.00012	0.0145
ARITH. STD. DEV :	0.0005	0.00010	0.0101
GEOM. MEAN :	0.0013	0.00009	0.0100
GEOM. STD. DEV. :	1.4622	2.06619	3.0476
1ST QUARTILE :	0.0009	0.00005	0.0068
2ND QUARTILE :	0.0012	0.00008	0.0105
3RD QUARTILE :	0.0017	0.00015	0.0191
VOL. WGT. MEAN :	0.0012	0.00010	0.0125

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PALMERSTON/CUMULATIVE/PRECIP. #08

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	12.0	8.00	8.0000	11.00	12.000	9.000
MAXIMUM :	137.0	44.7	4.76	0.1002	5.00	1.040	1.020
MINIMUM :	22.8	16.5	4.11	0.0466	2.50	0.360	0.110
RANGE :	114.2	28.2	0.65	0.0536	2.50	0.680	0.910
ARITH. MEAN :	71.8	30.5	4.26	0.0786	3.91	0.597	0.410
ARITH. STD. DEV :	31.9	7.4	0.22	0.0210	0.78	0.206	0.293
GEOM. MEAN :	65.3	29.5	4.25	0.0757	3.83	0.567	0.336
GEOM. STD. DEV. :	1.6	1.3	1.05	1.3592	1.24	1.385	1.941
1ST QUARTILE :	50.5	27.1	4.13	0.0623	3.18	0.445	0.235
2ND QUARTILE :	68.8	31.8	4.16	0.0848	3.93	0.515	0.295
3RD QUARTILE :	79.5	34.1	4.30	0.0940	4.42	0.745	0.365
VOL. WGT. MEAN :	*******	29.7	*******	0.0760	3.67	0.550	0.348

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PALMERSTON/CUMULATIVE/PRECIP. #08

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	10.000	9.000	12.000	11.000	12.000	9.0000
MAXIMUM :	0.970	1.480	0.405	0.180	0.260	1.260	0.0470
MINIMUM :	0.005	0.430	0.010	0.010	0.010	0.314	0.0010
RANGE :	0.965	1.050	0.395	0.170	0.250	0.946	0.0460
ARITH. MEAN :	0.255	0.807	0.138	0.055	0.084	0.654	0.0174
ARITH. STD. DEV :	0.260	0.304	0.137	0.048	0.097	0.240	0.0175
GEOM. MEAN :	0.151	0.759	0.089	0.041	0.042	0.617	0.0094
GEOM. STD. DEV. :	3.711	1.443	2.908	2.266	3.594	1.427	3.8367
1ST QUARTILE :	0.100	0.535	0.067	0.025	0.012	0.520	0.0042
2ND QUARTILE :	0.180	0.820	0.077	0.037	0.027	0.645	0.0100
3RD QUARTILE :	0.350	0.910	0.097	0.070	0.127	0.735	0.0175
VOL. WGT. MEAN :	0.218	0.736	0.095	0.052	0.074	0.615	0.0140

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PALMERSTON/CUMULATIVE/PRECIP. #08

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	12.0000	12.0000	12.000	10.0000	12.0000	12.0000	10.000
MAXIMUM :	0.0170	0.0020	0.021	0.1272	0.0500	0.0020	0.085
MINIMUM :	0.0005	0.0005	0.002	0.0105	0.0005	0.0010	0.005
RANGE :	0.0165	0.0015	0.019	0.1166	0.0495	0.0010	0.080
ARITH. MEAN :	0.0050	0.0006	0.008	0.0484	0.0090	0.0011	0.039
ARITH. STD. DEV :	0.0044	0.0004	0.005	0.0379	0.0135	0.0003	0.029
GEOM. MEAN :	0.0035	0.0006	0.007	0.0367	0.0046	0.0011	0.029
GEOM. STD. DEV. :	2.5487	1.4921	1.865	2.2107	3.3752	1.2215	2.392
1ST QUARTILE :	0.0025	0.0005	0.005	0.0188	0.0025	0.0010	0.016
2ND QUARTILE :	0.0040	0.0005	0.006	0.0325	0.0055	0.0010	0.030
3RD QUARTILE :	0.0065	0.0005	0.009	0.0613	0.0085	0.0010	0.057
VOL. WGT. MEAN :	0.0054	0.0007	0.008	0.0393	0.0122	0.0012	0.033

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PALMERSTON/CUMULATIVE/PRECIP. #08

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	12.0000	12.00000	8.0000
MAXIMUM :	0.0307	0.00040	0.0776
MINIMUM :	0.0007	0.00005	0.0174
RANGE :	0.0301	0.00035	0.0602
ARITH. MEAN :	0.0042	0.00013	0.0600
ARITH. STD. DEV :	0.0085	0.00012	0.0206
GEOM. MEAN :	0.0018	0.00009	0.0551
GEOM. STD. DEV. :	3.0654	2.26751	1.6550
1ST QUARTILE :	0.0008	0.00005	0.0499
2ND QUARTILE :	0.0012	0.00005	0.0692
3RD QUARTILE :	0.0033	0.00020	0.0734
VOL. WGT. MEAN :	0.0036	0.00014	0.0603

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PICKLE LAKE/CUMULATIVE/PRECIP. #36

PERIOD OF REPORT : JAN 5,82 TO JAN 10,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	12.0	11.0	11.00	12.0000	12.00	12.000	12.000
MAXIMUM :	96.0	17.9	6.20	0.0584	2.25	0.410	0.460
MINIMUM :	12.0	5.1	4.42	0.0238	0.40	0.070	0.070
RANGE :	84.0	12.8	1.78	0.0346	1.85	0.340	0.390
ARITH. MEAN :	46.3	10.6	5.12	0.0385	1.03	0.208	0.202
ARITH. STD. DEV :	28.0	3.6	0.58	0.0127	0.58	0.098	0.132
GEOM. MEAN :	38.3	10.0	5.09	0.0365	0.89	0.185	0.170
GEOM. STD. DEV. :	2.0	1.4	1.12	1.4013	1.77	1.708	1.825
1ST QUARTILE :	23.9	7.2	4.67	0.0266	0.55	0.130	0.100
2ND QUARTILE :	37.9	10.8	4.83	0.0371	1.00	0.225	0.160
3RD QUARTILE :	71.8	11.8	5.43	0.0494	1.30	0.260	0.245
VOL. WGT. MEAN :	*******	10.2	*******	0.0351	1.09	0.186	0.193

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PICKLE LAKE/CUMULATIVE/PRECIP. #36

PERIOD OF REPORT : JAN 5,82 TO JAN 10,83 PAGE : 2

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	11.000	12.000	12.000	12.000	12.000	12.0000
MAXIMUM :	0.190	1.200	0.080	0.165	0.085	0.870	0.0430
MINIMUM :	0.010	0.150	0.010	0.010	0.005	0.030	0.0050
RANGE :	0.180	1.050	0.070	0.155	0.080	0.840	0.0380
ARITH. MEAN :	0.105	0.510	0.034	0.050	0.047	0.297	0.0167
ARITH. STD. DEV :	0.053	0.280	0.020	0.040	0.024	0.237	0.0125
GEOM. MEAN :	0.083	0.445	0.029	0.041	0.038	0.217	0.0132
GEOM. STD. DEV. :	2.424	1.765	1.823	1.973	2.188	2.456	2.0312
1ST QUARTILE :	0.080	0.270	0.020	0.032	0.027	0.143	0.0070
2ND QUARTILE :	0.115	0.495	0.027	0.042	0.050	0.242	0.0115
3RD QUARTILE :	0.135	0.580	0.047	0.055	0.065	0.358	0.0255
VOL. WGT. MEAN :	0.095	0.549	0.032	0.061	0.038	0.315	0.0184

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PICKLE LAKE/CUMULATIVE/PRECIP. #36

PERIOD OF REPORT : JAN 5,82 TO JAN 10,83 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	12.000	12.0000	12.0000	12.0000	12.000
MAXIMUM :	0.0060	0.0020	0.037	0.1240	0.0100	0.0020	0.098
MINIMUM :	0.0010	0.0005	0.002	0.0096	0.0005	0.0010	0.010
RANGE :	0.0050	0.0015	0.035	0.1144	0.0095	0.0010	0.088
ARITH. MEAN :	0.0028	0.0007	0.009	0.0505	0.0043	0.0012	0.038
ARITH. STD. DEV :	0.0016	0.0005	0.010	0.0321	0.0032	0.0004	0.024
GEOM. MEAN :	0.0025	0.0007	0.006	0.0410	0.0028	0.0011	0.032
GEOM. STD. DEV. :	1.6821	1.5895	2.396	2.0458	3.0899	1.3097	1.893
1ST QUARTILE :	0.0020	0.0005	0.004	0.0250	0.0012	0.0010	0.022
2ND QUARTILE :	0.0020	0.0005	0.006	0.0438	0.0040	0.0010	0.031
3RD QUARTILE :	0.0035	0.0010	0.011	0.0695	0.0065	0.0010	0.052
VOL. WGT. MEAN :	0.0030	0.0007	0.008	0.0461	0.0034	0.0012	0.041

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PICKLE LAKE/CUMULATIVE/PRECIP. #36

PERIOD OF REPORT : JAN 5,82 TO JAN 10,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	12.0000	12.00000	11.0000
MAXIMUM :	0.1210	0.00200	0.0380
MINIMUM :	0.0009	0.00005	0.0006
RANGE :	0.1201	0.00195	0.0374
ARITH. MEAN :	0.0124	0.00029	0.0134
ARITH. STD. DEV :	0.0342	0.00054	0.0114
GEOM. MEAN :	0.0031	0.00014	0.0076
GEOM. STD. DEV. :	3.5681	2.80072	3.8392
1ST QUARTILE :	0.0015	0.00008	0.0018
2ND QUARTILE :	0.0022	0.00010	0.0108
3RD QUARTILE :	0.0040	0.00020	0.0200
VOL. WGT. MEAN :	0.0063	0.00019	0.0119

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PORT STANLEY/CUMULATIVE/PRECIP. 803

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	12.0	11.00	11.0000	13.00	13.000	10.000
MAXIMUM :	172.0	86.5	4.68	0.2240	12.00	1.940	1.830
MINIMUM :	17.0	14.7	3.63	0.0498	1.45	0.220	0.150
RANGE :	155.0	71.8	1.05	0.1742	10.55	1.720	1.680
ARITH. MEAN :	74.2	43.8	4.06	0.1165	5.55	0.797	0.558
ARITH. STD. DEV :	42.8	19.6	0.29	0.0598	2.88	0.468	0.580
GEOM. MEAN :	61.7	39.5	4.05	0.1039	4.86	0.690	0.383
GEOM. STD. DEV. :	2.0	1.7	1.07	1.6492	1.75	1.753	2.356
1ST QUARTILE :	43.5	33.8	3.85	0.0626	3.50	0.500	0.185
2ND QUARTILE :	71.6	41.5	4.01	0.0999	4.80	0.650	0.335
3RD QUARTILE :	81.5	51.8	4.09	0.1333	6.52	0.875	0.470
VOL. WGT. MEAN :	*******	40.0	*******	0.1134	4.55	0.633	0.428

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PORT STANLEY/CUMULATIVE/PRECIP. #03

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83 PAGE : 2

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	11.000	11.000	11.000	11.000	12.000	12.0000
MAXIMUM :	1.110	2.500	0.700	0.275	0.645	0.940	0.3700
MINIMUM :	0.070	0.180	0.030	0.000	0.015	0.142	0.0005
RANGE :	1.040	2.320	0.670	0.275	0.630	0.798	0.3695
ARITH. MEAN :	0.329	0.809	0.160	0.058	0.127	0.514	0.0675
ARITH. STD. DEV :	0.326	0.654	0.209	0.076	0.179	0.305	0.1278
GEOM. MEAN :	0.231	0.626	0.089	0.056	0.069	0.420	0.0113
GEOM. STD. DEV. :	2.328	2.120	2.884	2.493	3.114	2.021	8.5721
1ST QUARTILE :	0.105	0.295	0.035	0.019	0.020	0.218	0.0032
2ND QUARTILE :	0.205	0.570	0.067	0.032	0.067	0.460	0.0100
3RD QUARTILE :	0.300	1.055	0.182	0.050	0.127	0.830	0.0395
VOL. WGT. MEAN :	0.254	0.604	0.124	0.045	0.107	0.435	0.0421

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PORT STANLEY/CUMULATIVE/PRECIP. #03

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83 PAGE : 3

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	11.0000	11.0000	11.000	11.0000	11.0000	11.0000	11.000
MAXIMUM :	0.0380	0.0005	0.016	0.9441	0.0120	0.0040	0.793
MINIMUM :	0.0005	0.0005	0.001	0.0135	0.0005	0.0010	0.007
RANGE :	0.0375	0.0000	0.014	0.9306	0.0115	0.0030	0.786
ARITH. MEAN :	0.0070	0.0005	0.007	0.1298	0.0057	0.0013	0.116
ARITH. STD. DEV :	0.0106	0.0000	0.004	0.2733	0.0029	0.0009	0.230
GEOM. MEAN :	0.0037	0.0005	0.006	0.0470	0.0047	0.0011	0.038
GEOM. STD. DEV. :	3.0602	1.0000	1.942	3.5591	2.2483	1.5189	4.261
1ST QUARTILE :	0.0020	0.0005	0.004	0.0161	0.0040	0.0010	0.010
2ND QUARTILE :	0.0025	0.0005	0.006	0.0296	0.0050	0.0010	0.028
3RD QUARTILE :	0.0065	0.0005	0.010	0.0833	0.0060	0.0010	0.088
VOL. WGT. MEAN :	0.0062	0.0005	0.007	0.1009	0.0057	0.0016	0.089

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PORT STANLEY/CUMULATIVE/PRECIP. #03

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	11.0000	11.00000	11.0000
MAXIMUM :	0.0296	0.00470	0.2344
MINIMUM :	0.0006	0.00005	0.0209
RANGE :	0.0289	0.00465	0.2135
ARITH. MEAN :	0.0040	0.00061	0.1037
ARITH. STD. DEV :	0.0085	0.00136	0.0586
GEOM. MEAN :	0.0016	0.00020	0.0871
GEOM. STD. DEV. :	2.9941	3.96580	1.9687
1ST QUARTILE :	0.0007	0.00005	0.0554
2ND QUARTILE :	0.0011	0.00020	0.0944
3RD QUARTILE :	0.0018	0.00030	0.1162
VOL. WGT. MEAN :	0.0032	0.00053	0.0928

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : QUETICO CENTRE/CUMULATIVE/PRECIP. #32

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	12.0	13.00	12.0000	13.00	13.000	13.000
MAXIMUM :	193.0	17.7	5.58	0.0578	2.25	0.480	0.400
MINIMUM :	13.2	7.0	4.35	0.0228	0.30	0.120	0.010
RANGE :	179.8	10.7	1.23	0.0350	1.95	0.360	0.390
ARITH. MEAN :	69.1	10.8	4.87	0.0391	1.23	0.238	0.154
ARITH. STD. DEV :	47.3	3.7	0.35	0.0114	0.59	0.107	0.114
GEOM. MEAN :	56.9	10.3	4.86	0.0375	1.09	0.219	0.101
GEOM. STD. DEV. :	1.9	1.4	1.07	1.3494	1.74	1.528	3.189
1ST QUARTILE :	39.9	7.6	4.58	0.0294	0.82	0.150	0.075
2ND QUARTILE :	54.5	9.5	4.81	0.0379	1.10	0.200	0.120
3RD QUARTILE :	63.5	13.3	4.99	0.0484	1.35	0.285	0.200
VOL. WGT. MEAN :	*******	10.5	*******	0.0374	1.21	0.214	0.169

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : QUETICO CENTRE/CUMULATIVE/PRECIP. #32

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	12.000	13.000	13.000	13.000	13.000	11.0000
MAXIMUM :	0.100	0.880	0.050	0.065	0.065	0.640	0.0250
MINIMUM :	0.000	0.290	0.000	0.000	0.002	0.018	0.0000
RANGE :	0.100	0.590	0.050	0.065	0.063	0.622	0.0250
ARITH. MEAN :	0.055	0.454	0.024	0.032	0.027	0.314	0.0103
ARITH. STD. DEV :	0.028	0.164	0.016	0.018	0.016	0.176	0.0079
GEOM. MEAN :	0.069	0.432	0.029	0.039	0.022	0.246	0.0134
GEOM. STD. DEV. :	1.643	1.369	2.059	1.985	2.188	2.481	2.5167
1ST QUARTILE :	0.035	0.340	0.012	0.022	0.015	0.215	0.0027
2ND QUARTILE :	0.055	0.410	0.020	0.030	0.025	0.245	0.0085
3RD QUARTILE :	0.075	0.525	0.032	0.040	0.030	0.384	0.0145
VOL. WGT. MEAN :	0.052	0.450	0.028	0.035	0.026	0.305	0.0098

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : QUETICO CENTRE/CUMULATIVE/PRECIP. #32

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	11.0000	11.0000	11.000	10.0000	11.0000	11.0000	11.000
MAXIMUM :	0.0050	0.0010	0.013	0.0434	0.0090	0.0020	0.032
MINIMUM :	0.0010	0.0005	0.001	0.0067	0.0005	0.0010	0.008
RANGE :	0.0040	0.0005	0.011	0.0367	0.0085	0.0010	0.024
ARITH. MEAN :	0.0025	0.0006	0.004	0.0249	0.0031	0.0011	0.021
ARITH. STD. DEV :	0.0014	0.0002	0.003	0.0137	0.0023	0.0003	0.009
GEOM. MEAN :	0.0022	0.0006	0.003	0.0208	0.0025	0.0011	0.019
GEOM. STD. DEV. :	1.8028	1.3236	1.871	1.9829	2.0925	1.2324	1.630
1ST QUARTILE :	0.0010	0.0005	0.002	0.0095	0.0020	0.0010	0.012
2ND QUARTILE :	0.0020	0.0005	0.003	0.0267	0.0020	0.0010	0.017
3RD QUARTILE :	0.0035	0.0005	0.004	0.0352	0.0040	0.0010	0.030
VOL. WGT. MEAN :	0.0029	0.0006	0.003	0.0252	0.0033	0.0011	0.022

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : QUETICO CENTRE/CUMULATIVE/PRECIP. #32

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	11.0000	11.00000	13.0000
MAXIMUM :	0.0027	0.00020	0.0447
MINIMUM :	0.0007	0.00005	0.0026
RANGE :	0.0020	0.00015	0.0420
ARITH. MEAN :	0.0014	0.00008	0.0176
ARITH. STD. DEV :	0.0007	0.00005	0.0124
GEOM. MEAN :	0.0012	0.00007	0.0136
GEOM. STD. DEV. :	1.5817	1.61055	2.2426
1ST QUARTILE :	0.0008	0.00005	0.0080
2ND QUARTILE :	0.0010	0.00005	0.0133
3RD QUARTILE :	0.0016	0.00010	0.0209
VOL. WGT. MEAN :	0.0012	0.00007	0.0149

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : RAMSEY/CUMULATIVE/PRECIP. #26

PERIOD OF REPORT : JAN 5,82 TO JAN 11,83 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	12.0	13.00	13.0000	13.00	13.000	13.000
MAXIMUM :	100.4	66.5	4.93	0.1598	9.25	0.960	0.660
MINIMUM :	12.0	4.9	3.81	0.0308	0.45	0.040	0.030
RANGE :	88.4	61.6	1.12	0.1290	8.80	0.920	0.630
ARITH. MEAN :	52.8	25.0	4.32	0.0777	2.38	0.369	0.150
ARITH. STD. DEV :	31.0	14.7	0.25	0.0322	2.17	0.217	0.162
GEOM. MEAN :	42.9	21.6	4.32	0.0721	1.87	0.307	0.110
GEOM. STD. DEV. :	2.1	1.8	1.06	1.5002	2.00	2.061	2.120
1ST QUARTILE :	23.0	18.5	4.22	0.0553	1.30	0.260	0.070
2ND QUARTILE :	51.3	23.3	4.30	0.0742	1.88	0.310	0.110
3RD QUARTILE :	66.4	27.1	4.35	0.0846	2.43	0.390	0.130
VOL. WGT. MEAN :	*******	20.8	*******	0.0668	1.98	0.298	0.123

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : RAMSEY/CUMULATIVE/PRECIP. #26

PERIOD OF REPORT : JAN 5,82 TO JAN 11,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	12.000	13.000	13.000	12.000	12.000	12.0000
MAXIMUM :	0.310	1.350	0.140	0.150	0.180	0.980	0.0630
MINIMUM :	0.000	0.120	0.005	0.000	0.000	0.050	0.0010
RANGE :	0.310	1.230	0.135	0.150	0.180	0.930	0.0620
ARITH. MEAN :	0.114	0.382	0.032	0.047	0.049	0.255	0.0125
ARITH. STD. DEV :	0.100	0.338	0.035	0.046	0.048	0.252	0.0166
GEOM. MEAN :	0.115	0.302	0.021	0.047	0.053	0.183	0.0074
GEOM. STD. DEV. :	2.043	1.932	2.493	2.438	2.246	2.310	2.9696
1ST QUARTILE :	0.045	0.190	0.012	0.015	0.020	0.095	0.0045
2ND QUARTILE :	0.080	0.290	0.020	0.035	0.037	0.199	0.0080
3RD QUARTILE :	0.110	0.380	0.032	0.052	0.065	0.289	0.0130
VOL. WGT. MEAN :	0.107	0.303	0.024	0.039	0.038	0.206	0.0093

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : RAMSEY/CUMULATIVE/PRECIP. #26

PERIOD OF REPORT : JAN 5,82 TO JAN 11,83

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	12.0000	12.0000	11.000	11.0000	11.0000	12.0000	11.000
MAXIMUM :	0.0100	0.0020	0.032	0.0817	0.0060	0.0020	0.073
MINIMUM :	0.0005	0.0005	0.001	0.0052	0.0005	0.0010	0.003
RANGE :	0.0095	0.0015	0.030	0.0765	0.0055	0.0010	0.069
ARITH. MEAN :	0.0034	0.0007	0.008	0.0375	0.0027	0.0011	0.035
ARITH. STD. DEV :	0.0033	0.0004	0.009	0.0266	0.0019	0.0003	0.023
GEOM. MEAN :	0.0021	0.0006	0.005	0.0279	0.0020	0.0011	0.025
GEOM. STD. DEV. :	2.8826	1.5386	2.569	2.3960	2.4651	1.2215	2.739
1ST QUARTILE :	0.0010	0.0005	0.003	0.0127	0.0007	0.0010	0.008
2ND QUARTILE :	0.0020	0.0005	0.003	0.0265	0.0025	0.0010	0.035
3RD QUARTILE :	0.0060	0.0005	0.008	0.0547	0.0040	0.0010	0.050
VOL. WGT. MEAN :	0.0021	0.0006	0.005	0.0277	0.0022	0.0010	0.028

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : RAMSEY/CUMULATIVE/PRECIP. #26

PERIOD OF REPORT : JAN 5,82 TO JAN 11,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	11.0000	12.00000	13.0000
MAXIMUM :	0.0041	0.00030	0.1549
MINIMUM :	0.0007	0.00005	0.0117
RANGE :	0.0034	0.00025	0.1431
ARITH. MEAN :	0.0015	0.00011	0.0550
ARITH. STD. DEV :	0.0010	0.00010	0.0334
GEOM. MEAN :	0.0013	0.00008	0.0477
GEOM. STD. DEV. :	1.7734	2.11227	1.7694
1ST QUARTILE :	0.0008	0.00005	0.0389
2ND QUARTILE :	0.0010	0.00005	0.0490
3RD QUARTILE :	0.0018	0.00015	0.0544
VOL. WGT. MEAN :	0.0011	0.00011	0.0468

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SHALLOW LAKE/CUMULATIVE/PRECIP. #09

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	13.0	13.00	12.0000	13.00	13.000	13.000
MAXIMUM :	127.0	72.0	4.61	0.1818	7.25	1.460	0.840
MINIMUM :	30.0	15.0	3.74	0.0558	1.20	0.330	0.100
RANGE :	97.0	57.0	0.87	0.1260	6.05	1.130	0.740
ARITH. MEAN :	75.6	34.2	4.25	0.0871	3.57	0.615	0.337
ARITH. STD. DEV :	31.9	16.5	0.27	0.0336	1.70	0.310	0.201
GEOM. MEAN :	69.2	31.2	4.24	0.0827	3.22	0.560	0.287
GEOM. STD. DEV. :	1.6	1.6	1.07	1.3757	1.61	1.538	1.830
1ST QUARTILE :	51.0	22.9	4.03	0.0650	2.43	0.400	0.180
2ND QUARTILE :	71.5	28.6	4.24	0.0810	3.02	0.505	0.300
3RD QUARTILE :	90.6	37.1	4.43	0.0935	3.65	0.685	0.365
VOL. WGT. MEAN :	********	30.8	********	0.0841	3.11	0.534	0.278

****** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SHALLOW LAKE/CUMULATIVE/PRECIP. #09

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	12.000	13.000	12.000	13.000	13.000	12.0000
MAXIMUM :	0.400	1.230	0.200	0.135	0.250	1.080	0.0750
MINIMUM :	0.010	0.220	0.025	0.010	0.005	0.132	0.0015
RANGE :	0.390	1.010	0.175	0.125	0.245	0.948	0.0735
ARITH. MEAN :	0.180	0.677	0.079	0.053	0.081	0.555	0.0188
ARITH. STD. DEV :	0.127	0.290	0.051	0.039	0.083	0.266	0.0229
GEOM. MEAN :	0.120	0.618	0.066	0.040	0.042	0.492	0.0109
GEOM. STD. DEV. :	3.130	1.598	1.901	2.308	3.791	1.722	2.9112
1ST QUARTILE :	0.060	0.510	0.037	0.025	0.015	0.373	0.0060
2ND QUARTILE :	0.160	0.630	0.065	0.050	0.045	0.480	0.0090
3RD QUARTILE :	0.235	0.880	0.092	0.070	0.105	0.650	0.0175
VOL. WGT. MEAN :	0.161	0.613	0.066	0.053	0.082	0.473	0.0186

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SHALLOW LAKE/CUMULATIVE/PRECIP. #09

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	12.000	12.0000	12.0000	12.0000	12.000
MAXIMUM :	0.0100	0.0005	0.017	0.1471	0.0090	0.0010	0.081
MINIMUM :	0.0010	0.0005	0.003	0.0087	0.0005	0.0010	0.011
RANGE :	0.0090	0.0000	0.013	0.1384	0.0085	0.0000	0.070
ARITH. MEAN :	0.0034	0.0005	0.007	0.0488	0.0046	0.0010	0.038
ARITH. STD. DEV :	0.0027	0.0000	0.004	0.0371	0.0024	0.0000	0.023
GEOM. MEAN :	0.0027	0.0005	0.007	0.0382	0.0037	0.0010	0.031
GEOM. STD. DEV. :	1.9084	1.0000	1.627	2.1275	2.3099	1.0000	1.992
1ST QUARTILE :	0.0020	0.0005	0.005	0.0220	0.0035	0.0010	0.018
2ND QUARTILE :	0.0020	0.0005	0.007	0.0383	0.0050	0.0010	0.036
3RD QUARTILE :	0.0035	0.0005	0.009	0.0621	0.0060	0.0010	0.053
VOL. WGT. MEAN :	0.0030	0.0005	0.007	0.0442	0.0043	0.0010	0.038

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SHALLOW LAKE/CUMULATIVE/PRECIP. #09

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	12.0000	12.00000	13.0000
MAXIMUM :	0.0540	0.00020	0.1820
MINIMUM :	0.0007	0.00005	0.0245
RANGE :	0.0534	0.00015	0.1574
ARITH. MEAN :	0.0056	0.00009	0.0681
ARITH. STD. DEV :	0.0152	0.00006	0.0457
GEOM. MEAN :	0.0016	0.00007	0.0567
GEOM. STD. DEV. :	3.1363	1.73263	1.8530
1ST QUARTILE :	0.0009	0.00005	0.0337
2ND QUARTILE :	0.0013	0.00005	0.0502
3RD QUARTILE :	0.0016	0.00010	0.0785
VOL. WGT. MEAN :	0.0075	0.00008	0.0641

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SMITH'S FALLS/CUMULATIVE/PRECIP. #15

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	11.0	11.00	9.0000	12.00	12.000	10.000
MAXIMUM :	91.0	44.6	4.82	0.1138	6.00	0.800	0.990
MINIMUM :	10.0	12.3	4.02	0.0502	1.25	0.330	0.190
RANGE :	81.0	32.5	0.80	0.0636	4.75	0.470	0.800
ARITH. MEAN :	50.2	30.1	4.29	0.0819	3.55	0.571	0.522
ARITH. STD. DEV :	23.3	10.8	0.24	0.0209	1.57	0.160	0.243
GEOM. MEAN :	43.5	28.1	4.28	0.0794	3.18	0.549	0.471
GEOM. STD. DEV. :	1.9	1.5	1.06	1.3039	1.68	1.342	1.628
1ST QUARTILE :	27.3	19.4	4.06	0.0675	2.25	0.445	0.330
2ND QUARTILE :	54.0	29.3	4.19	0.0768	3.55	0.570	0.460
3RD QUARTILE :	59.6	39.2	4.41	0.0908	4.65	0.715	0.655
VOL. WGT. MEAN :	********	31.4	********	0.0811	3.63	0.539	0.495

****** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SMITH'S FALLS/CUMULATIVE/PRECIP. #15

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	10.000	7.000	11.000	12.000	12.000	10.0000
MAXIMUM :	0.760	0.720	0.305	0.115	0.580	0.630	0.0350
MINIMUM :	0.070	0.180	0.055	0.010	0.010	0.130	0.0015
RANGE :	0.690	0.540	0.250	0.105	0.570	0.500	0.0335
ARITH. MEAN :	0.216	0.499	0.149	0.048	0.115	0.370	0.0122
ARITH. STD. DEV :	0.180	0.152	0.091	0.031	0.154	0.141	0.0094
GEOM. MEAN :	0.177	0.471	0.126	0.039	0.066	0.342	0.0093
GEOM. STD. DEV. :	1.821	1.477	1.870	2.064	3.013	1.553	2.3426
1ST QUARTILE :	0.120	0.415	0.065	0.020	0.032	0.276	0.0055
2ND QUARTILE :	0.200	0.490	0.100	0.037	0.085	0.363	0.0105
3RD QUARTILE :	0.220	0.595	0.202	0.065	0.115	0.465	0.0145
VOL. WGT. MEAN :	0.177	0.478	0.136	0.047	0.088	0.370	0.0091

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SMITH'S FALLS/CUMULATIVE/PRECIP. #15

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	9.0000	9.0000	9.000	9.0000	9.0000	9.0000	9.000
MAXIMUM :	0.0140	0.0010	0.009	0.1277	0.0140	0.0010	0.099
MINIMUM :	0.0010	0.0005	0.003	0.0128	0.0040	0.0010	0.004
RANGE :	0.0130	0.0005	0.006	0.1149	0.0100	0.0000	0.096
ARITH. MEAN :	0.0044	0.0006	0.005	0.0421	0.0073	0.0010	0.030
ARITH. STD. DEV :	0.0043	0.0002	0.002	0.0401	0.0029	0.0000	0.030
GEOM. MEAN :	0.0032	0.0005	0.005	0.0293	0.0069	0.0010	0.019
GEOM. STD. DEV. :	2.2605	1.2599	1.508	2.4010	1.4325	1.0000	2.714
1ST QUARTILE :	0.0020	0.0005	0.003	0.0139	0.0055	0.0010	0.009
2ND QUARTILE :	0.0025	0.0005	0.005	0.0173	0.0065	0.0010	0.019
3RD QUARTILE :	0.0035	0.0005	0.006	0.0495	0.0075	0.0010	0.026
VOL. WGT. MEAN :	0.0032	0.0006	0.005	0.0311	0.0074	0.0010	0.020

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SMITH'S FALLS/CUMULATIVE/PRECIP. #15

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	9.0000	9.00000	11.0000
MAXIMUM :	0.0020	0.00020	0.0955
MINIMUM :	0.0007	0.00005	0.0151
RANGE :	0.0013	0.00015	0.0804
ARITH. MEAN :	0.0011	0.00009	0.0579
ARITH. STD. DEV :	0.0004	0.00006	0.0259
GEOM. MEAN :	0.0010	0.00008	0.0516
GEOM. STD. DEV. :	1.3638	1.82263	1.7253
1ST QUARTILE :	0.0008	0.00005	0.0343
2ND QUARTILE :	0.0009	0.00005	0.0560
3RD QUARTILE :	0.0011	0.00010	0.0720
VOL. WGT. MEAN :	0.0009	0.00009	0.0609

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : UXBRIDGE/CUMULATIVE/PRECIP. #11

PERIOD OF REPORT : JAN 4,82 TO JAN 3,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	13.0	9.00	10.0000	12.00	13.000	10.000
MAXIMUM :	113.0	78.0	4.64	0.1152	8.35	1.110	1.020
MINIMUM :	30.6	16.0	4.05	0.0410	1.70	0.260	0.170
RANGE :	82.4	62.0	0.59	0.0742	6.65	0.850	0.850
ARITH. MEAN :	73.4	33.1	4.34	0.0725	3.90	0.557	0.452
ARITH. STD. DEV :	25.2	16.5	0.20	0.0219	2.25	0.261	0.294
GEOM. MEAN :	68.3	30.1	4.33	0.0695	3.39	0.506	0.375
GEOM. STD. DEV. :	1.5	1.6	1.05	1.3630	1.73	1.566	1.905
1ST QUARTILE :	52.5	21.0	4.18	0.0542	2.13	0.360	0.205
2ND QUARTILE :	80.7	29.6	4.27	0.0710	3.30	0.445	0.335
3RD QUARTILE :	84.5	34.9	4.45	0.0783	5.42	0.650	0.630
VOL. MGT. MEAN :	********	33.9	********	0.0749	3.77	0.544	0.428

****** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : UXBRIDGE/CUMULATIVE/PRECIP. #11

PERIOD OF REPORT : JAN 4,82 TO JAN 3,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	12.000	10.000	12.000	11.000	12.000	12.000	10.0000
MAXIMUM :	1.230	1.330	0.260	0.080	0.655	0.920	0.0350
MINIMUM :	0.000	0.300	0.025	0.005	0.005	0.174	0.0015
RANGE :	1.230	1.030	0.235	0.075	0.650	0.746	0.0335
ARITH. MEAN :	0.323	0.612	0.084	0.035	0.145	0.446	0.0133
ARITH. STD. DEV :	0.412	0.298	0.079	0.026	0.193	0.233	0.0094
GEOM. MEAN :	0.242	0.559	0.061	0.023	0.063	0.395	0.0102
GEOM. STD. DEV. :	2.653	1.550	2.172	2.849	4.487	1.682	2.3662
1ST QUARTILE :	0.105	0.375	0.037	0.008	0.030	0.267	0.0060
2ND QUARTILE :	0.165	0.545	0.047	0.030	0.085	0.399	0.0125
3RD QUARTILE :	0.270	0.680	0.107	0.052	0.152	0.585	0.0160
VOL. WGT. MEAN :	0.269	0.553	0.076	0.035	0.129	0.412	0.0133

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : UXBRIDGE/CUMULATIVE/PRECIP. #11

PERIOD OF REPORT : JAN 4,82 TO JAN 3,83 PAGE : 3

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	11.0000	11.0000	9.000	11.0000	11.0000	11.0000	11.000
MAXIMUM :	0.0040	0.0005	0.025	0.1360	0.0100	0.0010	0.078
MINIMUM :	0.0010	0.0005	0.002	0.0091	0.0005	0.0010	0.008
RANGE :	0.0030	0.0000	0.023	0.1269	0.0095	0.0000	0.070
ARITH. MEAN :	0.0025	0.0005	0.008	0.0380	0.0046	0.0010	0.024
ARITH. STD. DEV :	0.0011	0.0000	0.007	0.0360	0.0030	0.0000	0.021
GEOM. MEAN :	0.0022	0.0005	0.007	0.0290	0.0033	0.0010	0.019
GEOM. STD. DEV. :	1.7264	1.0000	2.003	2.0469	2.8600	1.0000	2.019
1ST QUARTILE :	0.0010	0.0005	0.005	0.0179	0.0012	0.0010	0.010
2ND QUARTILE :	0.0025	0.0005	0.005	0.0259	0.0050	0.0010	0.014
3RD QUARTILE :	0.0030	0.0005	0.009	0.0319	0.0065	0.0010	0.024
VOL. WGT. MEAN :	0.0022	0.0005	0.007	0.0291	0.0053	0.0010	0.019

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : UXBRIDGE/CUMULATIVE/PRECIP. #11

PERIOD OF REPORT : JAN 4,82 TO JAN 3,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	11.0000	11.00000	9.0000
MAXIMUM :	0.0094	0.00060	0.0891
MINIMUM :	0.0007	0.00005	0.0229
RANGE :	0.0087	0.00055	0.0662
ARITH. MEAN :	0.0026	0.00016	0.0504
ARITH. STD. DEV :	0.0031	0.00017	0.0217
GEOM. MEAN :	0.0016	0.00011	0.0462
GEOM. STD. DEV. :	2.4653	2.40771	1.5675
1ST QUARTILE :	0.0008	0.00005	0.0306
2ND QUARTILE :	0.0011	0.00008	0.0463
3RD QUARTILE :	0.0019	0.00020	0.0583
VOL. WGT. MEAN :	0.0018	0.00016	0.0549

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WATERLOO/CUMULATIVE/PRECIP. #07

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	11.0	9.0	8.00	8.0000	9.00	9.000	9.000
MAXIMUM :	152.0	64.4	4.83	0.1586	5.50	1.170	0.570
MINIMUM :	22.0	11.3	3.94	0.0346	0.95	0.200	0.160
RANGE :	130.0	53.1	0.89	0.1240	4.55	0.970	0.410
ARITH. MEAN :	83.1	34.3	4.24	0.0809	3.86	0.602	0.396
ARITH. STD. DEV :	37.3	16.0	0.30	0.0423	1.45	0.302	0.149
GEOM. MEAN :	74.0	30.8	4.23	0.0715	3.49	0.532	0.365
GEOM. STD. DEV. :	1.7	1.7	1.07	1.7179	1.72	1.737	1.564
1ST QUARTILE :	46.0	22.1	4.03	0.0440	3.00	0.330	0.250
2ND QUARTILE :	78.5	30.5	4.10	0.0776	3.72	0.575	0.390
3RD QUARTILE :	103.5	40.9	4.43	0.1055	4.75	0.685	0.505
VOL. WGT. MEAN :	*******	32.0	*******	0.0763	3.91	0.568	0.382

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WATERLOO/CUMULATIVE/PRECIP. #07

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83 PAGE : 2

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	9.000	7.000	9.000	8.000	8.000	8.000	8.0000
MAXIMUM :	0.420	1.060	0.130	0.240	0.280	0.910	0.1640
MINIMUM :	0.080	0.150	0.045	0.010	0.035	0.080	0.0005
RANGE :	0.340	0.910	0.085	0.230	0.245	0.830	0.1635
ARITH. MEAN :	0.240	0.707	0.087	0.082	0.104	0.535	0.0352
ARITH. STD. DEV :	0.120	0.329	0.029	0.086	0.085	0.252	0.0549
GEOM. MEAN :	0.212	0.608	0.083	0.046	0.082	0.450	0.0108
GEOM. STD. DEV. :	1.718	1.985	1.438	3.362	2.028	2.127	6.5699
1ST QUARTILE :	0.155	0.305	0.057	0.020	0.052	0.405	0.0047
2ND QUARTILE :	0.190	0.670	0.087	0.037	0.072	0.535	0.0100
3RD QUARTILE :	0.280	0.970	0.103	0.145	0.132	0.705	0.0440
VOL. WGT. MEAN :	0.212	0.717	0.086	0.108	0.081	0.552	0.0461

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WATERLOO/CUMULATIVE/PRECIP. 807

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	8.0000	8.0000	8.000	8.0000	8.0000	8.0000	8.000
MAXIMUM :	0.0100	0.0010	0.014	0.0802	0.0130	0.0010	0.089
MINIMUM :	0.0010	0.0005	0.001	0.0085	0.0030	0.0010	0.013
RANGE :	0.0090	0.0005	0.013	0.0717	0.0100	0.0000	0.076
ARITH. MEAN :	0.0040	0.0006	0.009	0.0392	0.0067	0.0010	0.034
ARITH. STD. DEV :	0.0029	0.0002	0.005	0.0223	0.0043	0.0000	0.025
GEOM. MEAN :	0.0032	0.0005	0.007	0.0331	0.0057	0.0010	0.028
GEOM. STD. DEV. :	2.0469	1.2777	2.279	1.9676	1.8138	1.0000	1.882
1ST QUARTILE :	0.0020	0.0005	0.005	0.0263	0.0040	0.0010	0.017
2ND QUARTILE :	0.0035	0.0005	0.009	0.0349	0.0040	0.0010	0.025
3RD QUARTILE :	0.0050	0.0005	0.012	0.0511	0.0110	0.0010	0.042
VOL. WGT. MEAN :	0.0042	0.0006	0.008	0.0404	0.0064	0.0010	0.030

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WATERLOO/CUMULATIVE/PRECIP. #07

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	8.0000	8.00000	8.0000
MAXIMUM :	0.0035	0.00160	0.1148
MINIMUM :	0.0006	0.00005	0.0148
RANGE :	0.0029	0.00155	0.1000
ARITH. MEAN :	0.0015	0.00032	0.0686
ARITH. STD. DEV :	0.0010	0.00052	0.0350
GEOM. MEAN :	0.0013	0.00016	0.0579
GEOM. STD. DEV. :	1.8088	3.09652	2.0109
1ST QUARTILE :	0.0007	0.00008	0.0375
2ND QUARTILE :	0.0013	0.00015	0.0786
3RD QUARTILE :	0.0018	0.00025	0.0935
VOL. WGT. MEAN :	0.0013	0.00023	0.0662

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITNEY/CUMULATIVE/PRECIP. #19

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	13.0	13.00	13.0000	13.00	13.000	12.000
MAXIMUM :	127.0	41.5	4.75	0.1160	4.65	0.680	0.430
MINIMUM :	34.0	10.2	4.01	0.0410	0.35	0.160	0.000
RANGE :	93.0	31.3	0.74	0.0750	4.30	0.520	0.430
ARITH. MEAN :	67.8	25.9	4.31	0.0778	2.38	0.381	0.172
ARITH. STD. DEV :	30.3	11.3	0.22	0.0228	1.42	0.146	0.134
GEOM. MEAN :	61.8	23.3	4.31	0.0745	1.87	0.355	0.172
GEOM. STD. DEV. :	1.6	1.6	1.05	1.3636	2.23	1.501	2.142
1ST QUARTILE :	37.0	14.8	4.17	0.0595	0.92	0.265	0.065
2ND QUARTILE :	58.5	23.5	4.21	0.0689	2.11	0.350	0.125
3RD QUARTILE :	78.0	34.4	4.38	0.0938	3.48	0.450	0.265
VOL. WGT. MEAN :	*******	26.1	*******	0.0775	2.40	0.369	0.150

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITNEY/CUMULATIVE/PRECIP. #19

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	12.000	12.000	12.000	12.000	13.000	11.0000
MAXIMUM :	0.160	0.780	0.070	0.100	0.060	0.520	0.0330
MINIMUM :	0.000	0.150	0.002	0.002	0.002	0.040	0.0010
RANGE :	0.160	0.630	0.067	0.098	0.057	0.480	0.0320
ARITH. MEAN :	0.091	0.393	0.026	0.034	0.028	0.272	0.0121
ARITH. STD. DEV :	0.043	0.203	0.021	0.031	0.018	0.172	0.0104
GEOM. MEAN :	0.112	0.345	0.017	0.022	0.020	0.206	0.0083
GEOM. STD. DEV. :	1.493	1.729	2.996	2.901	2.625	2.379	2.6759
1ST QUARTILE :	0.075	0.230	0.010	0.010	0.012	0.081	0.0050
2ND QUARTILE :	0.085	0.350	0.020	0.022	0.027	0.263	0.0070
3RD QUARTILE :	0.105	0.550	0.040	0.055	0.040	0.425	0.0165
VOL. WGT. MEAN :	0.086	0.370	0.024	0.031	0.029	0.260	0.0103

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITNEY/CUMULATIVE/PRECIP. #19

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	12.000	12.0000	12.0000	12.0000	12.000
MAXIMUM :	0.0050	0.0010	0.011	0.0548	0.0130	0.0030	0.067
MINIMUM :	0.0005	0.0005	0.001	0.0040	0.0005	0.0010	0.004
RANGE :	0.0045	0.0005	0.009	0.0508	0.0125	0.0020	0.063
ARITH. MEAN :	0.0022	0.0005	0.005	0.0248	0.0046	0.0012	0.021
ARITH. STD. DEV :	0.0019	0.0001	0.003	0.0158	0.0039	0.0006	0.018
GEOM. MEAN :	0.0015	0.0005	0.004	0.0197	0.0031	0.0012	0.016
GEOM. STD. DEV. :	2.6123	1.2215	1.853	2.1536	2.7377	1.4323	2.359
1ST QUARTILE :	0.0005	0.0005	0.002	0.0124	0.0015	0.0010	0.010
2ND QUARTILE :	0.0015	0.0005	0.004	0.0236	0.0040	0.0010	0.016
3RD QUARTILE :	0.0040	0.0005	0.007	0.0327	0.0065	0.0010	0.026
VOL. WGT. MEAN :	0.0017	0.0005	0.004	0.0210	0.0048	0.0013	0.018

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITNEY/CUMULATIVE/PRECIP. #19

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	12.0000	12.00000	13.0000
MAXIMUM :	0.0389	0.00140	0.0977
MINIMUM :	0.0006	0.00005	0.0178
RANGE :	0.0383	0.00135	0.0799
ARITH. MEAN :	0.0049	0.00017	0.0538
ARITH. STD. DEV :	0.0108	0.00039	0.0232
GEOM. MEAN :	0.0018	0.00007	0.0485
GEOM. STD. DEV. :	3.2403	2.73929	1.6491
1ST QUARTILE :	0.0008	0.00005	0.0343
2ND QUARTILE :	0.0013	0.00005	0.0525
3RD QUARTILE :	0.0022	0.00005	0.0661
VOL. WGT. MEAN :	0.0032	0.00019	0.0549

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILBERFORCE/CUMULATIVE/PRECIP. #18

PERIOD OF REPORT : MAR 2,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	11.0	11.0	10.00	10.0000	11.00	11.000	11.000
MAXIMUM :	154.0	51.0	4.44	0.1340	5.05	0.780	0.540
MINIMUM :	23.0	19.5	3.93	0.0650	1.55	0.300	0.110
RANGE :	131.0	31.5	0.51	0.0690	3.50	0.480	0.430
ARITH. MEAN :	91.8	33.5	4.17	0.0950	3.19	0.504	0.215
ARITH. STD. DEV :	41.5	10.4	0.16	0.0230	1.20	0.149	0.130
GEOM. MEAN :	80.8	32.0	4.17	0.0925	2.98	0.484	0.189
GEOM. STD. DEV. :	1.8	1.4	1.04	1.2723	1.47	1.346	1.644
1ST QUARTILE :	50.5	23.0	4.03	0.0740	2.20	0.36E	0.125
2ND QUARTILE :	85.0	30.4	4.18	0.0892	2.60	0.485	0.155
3RD QUARTILE :	118.0	40.6	4.23	0.1120	4.13	0.580	0.240
VOL. WGT. MEAN :	*******	33.8	*******	0.0957	3.14	0.504	0.189

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILBERFORCE/CUMULATIVE/PRECIP. #18

PERIOD OF REPORT : MAR 2,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	11.000	11.000	11.000	11.000	11.000	11.000	11.0000
MAXIMUM :	0.250	0.690	0.060	0.080	0.140	0.550	0.0330
MINIMUM :	0.070	0.270	0.005	0.010	0.002	0.094	0.0005
RANGE :	0.180	0.420	0.055	0.070	0.137	0.456	0.0325
ARITH. MEAN :	0.128	0.430	0.031	0.039	0.039	0.349	0.0088
ARITH. STD. DEV :	0.059	0.144	0.017	0.025	0.043	0.142	0.0092
GEOM. MEAN :	0.117	0.410	0.026	0.031	0.018	0.316	0.0051
GEOM. STD. DEV. :	1.547	1.376	2.017	1.990	4.313	1.676	3.3278
1ST QUARTILE :	0.075	0.300	0.017	0.017	0.002	0.209	0.0015
2ND QUARTILE :	0.100	0.380	0.025	0.027	0.017	0.336	0.0060
3RD QUARTILE :	0.165	0.505	0.045	0.057	0.062	0.445	0.0105
VOL. WGT. MEAN :	0.133	0.406	0.028	0.035	0.043	0.332	0.0078

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILBERFORCE/CUMULATIVE/PRECIP. #18

PERIOD OF REPORT : MAR 2,82 TO JAN 4,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	11.0000	11.0000	11.000	11.0000	10.0000	11.0000	11.000
MAXIMUM :	0.0080	0.0010	0.010	0.0675	0.0090	0.0020	0.081
MINIMUM :	0.0005	0.0005	0.001	0.0074	0.0005	0.0010	0.008
RANGE :	0.0075	0.0005	0.008	0.0601	0.0085	0.0010	0.073
ARITH. MEAN :	0.0025	0.0006	0.005	0.0298	0.0059	0.0011	0.025
ARITH. STD. DEV :	0.0021	0.0002	0.003	0.0197	0.0032	0.0003	0.022
GEOM. MEAN :	0.0018	0.0006	0.005	0.0240	0.0042	0.0011	0.019
GEOM. STD. DEV. :	2.2815	1.3236	1.814	2.0418	3.1258	1.2324	2.084
1ST QUARTILE :	0.0007	0.0005	0.003	0.0115	0.0022	0.0010	0.009
2ND QUARTILE :	0.0020	0.0005	0.005	0.0254	0.0075	0.0010	0.016
3RD QUARTILE :	0.0025	0.0005	0.008	0.0352	0.0080	0.0010	0.032
VOL. WGT. MEAN :	0.0021	0.0006	0.005	0.0250	0.0063	0.0011	0.021

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILBERFORCE/CUMULATIVE/PRECIP. #18

PERIOD OF REPORT : MAR 2,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	11.0000	11.00000	10.0000
MAXIMUM :	0.0029	0.00090	0.1175
MINIMUM :	0.0006	0.00005	0.0363
RANGE :	0.0023	0.00085	0.0812
ARITH. MEAN :	0.0012	0.00016	0.0709
ARITH. STD. DEV :	0.0008	0.00025	0.0259
GEOM. MEAN :	0.0010	0.00009	0.0668
GEOM. STD. DEV. :	1.7221	2.58307	1.4364
1ST QUARTILE :	0.0006	0.00005	0.0505
2ND QUARTILE :	0.0008	0.00005	0.0671
3RD QUARTILE :	0.0012	0.00015	0.0750
VOL. WGT. MEAN :	0.0010	0.00014	0.0712

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILKESPORT/CUMULATIVE/PRECIP. #04

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	13.0	13.0	13.00	12.0000	12.00	11.000	11.000
MAXIMUM :	128.0	79.5	5.23	0.1804	16.40	1.660	1.500
MINIMUM :	15.0	19.0	3.75	0.0472	2.70	0.270	0.280
RANGE :	113.0	60.5	1.48	0.1332	13.70	1.390	1.220
ARITH. MEAN :	53.8	45.2	4.35	0.0908	5.79	0.686	0.768
ARITH. STD. DEV :	33.4	23.7	0.43	0.0369	3.90	0.376	0.381
GEOM. MEAN :	45.2	39.7	4.33	0.0846	4.95	0.614	0.679
GEOM. STD. DEV. :	1.9	1.7	1.10	1.4781	1.74	1.619	1.720
1ST QUARTILE :	33.5	23.1	4.10	0.0628	2.90	0.410	0.400
2ND QUARTILE :	43.5	37.5	4.21	0.0865	4.72	0.570	0.655
3RD QUARTILE :	58.5	59.7	4.51	0.1066	7.07	0.740	1.040
VOL. WGT. MEAN :	*******	39.2	*******	0.0901	4.74	0.590	0.656

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILKESPORT/CUMULATIVE/PRECIP. #04

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	13.000	11.000	11.000	13.000	13.000	12.000	12.0000
MAXIMUM :	1.100	1.980	0.195	0.370	0.715	2.040	0.1580
MINIMUM :	0.090	0.290	0.040	0.010	0.025	0.216	0.0060
RANGE :	1.010	1.690	0.155	0.360	0.690	1.824	0.1520
ARITH. MEAN :	0.425	0.905	0.104	0.105	0.185	0.791	0.0438
ARITH. STD. DEV :	0.302	0.488	0.044	0.106	0.206	0.527	0.0510
GEOM. MEAN :	0.333	0.788	0.095	0.066	0.111	0.643	0.0243
GEOM. STD. DEV. :	2.125	1.772	1.584	2.825	2.881	2.005	3.0482
1ST QUARTILE :	0.200	0.460	0.062	0.030	0.040	0.383	0.0105
2ND QUARTILE :	0.285	0.805	0.103	0.055	0.102	0.680	0.0175
3RD QUARTILE :	0.535	1.075	0.118	0.127	0.192	1.055	0.0690
VOL. WGT. MEAN :	0.317	0.775	0.090	0.077	0.136	0.658	0.0316

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILKESPORT/CUMULATIVE/PRECIP. #04

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	12.0000	12.0000	12.000	12.0000	12.0000	12.0000	12.000
MAXIMUM :	0.0270	0.0020	0.049	0.2945	0.0180	0.0030	0.229
MINIMUM :	0.0020	0.0005	0.005	0.0224	0.0020	0.0010	0.019
RANGE :	0.0250	0.0015	0.044	0.2721	0.0160	0.0020	0.211
ARITH. MEAN :	0.0072	0.0007	0.014	0.0874	0.0073	0.0012	0.078
ARITH. STD. DEV :	0.0073	0.0004	0.012	0.0808	0.0043	0.0006	0.062
GEOM. MEAN :	0.0050	0.0006	0.011	0.0630	0.0063	0.0011	0.059
GEOM. STD. DEV. :	2.3597	1.5386	1.930	2.2702	1.7875	1.3732	2.167
1ST QUARTILE :	0.0020	0.0005	0.007	0.0337	0.0045	0.0010	0.031
2ND QUARTILE :	0.0045	0.0005	0.010	0.0514	0.0060	0.0010	0.056
3RD QUARTILE :	0.0085	0.0005	0.015	0.1249	0.0095	0.0010	0.112
VOL. WGT. MEAN :	0.0048	0.0006	0.010	0.0577	0.0065	0.0012	0.055

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILKESPORT/CUMULATIVE/PRECIP. #04

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	12.0000	12.00000	13.0000
MAXIMUM :	0.0636	0.00200	0.1778
MINIMUM :	0.0007	0.00005	0.0059
RANGE :	0.0630	0.00195	0.1719
ARITH. MEAN :	0.0075	0.00031	0.0630
ARITH. STD. DEV :	0.0177	0.00055	0.0473
GEOM. MEAN :	0.0027	0.00015	0.0447
GEOM. STD. DEV. :	3.1447	3.04529	2.6738
1ST QUARTILE :	0.0014	0.00005	0.0299
2ND QUARTILE :	0.0023	0.00015	0.0556
3RD QUARTILE :	0.0032	0.00020	0.0785
VOL. WGT. MEAN :	0.0054	0.00017	0.0637

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WINISK/CUMULATIVE/PRECIP. #29

PERIOD OF REPORT : JUL 20,82 TO DEC 7,82 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	5.0	5.0	4.00	5.0000	5.00	5.000	4.000
MAXIMUM :	89.7	45.5	5.61	0.0344	2.35	0.200	0.680
MINIMUM :	17.2	6.3	5.24	0.0222	0.55	0.030	0.150
RANGE :	72.5	39.2	0.37	0.0122	1.80	0.170	0.530
ARITH. MEAN :	44.8	19.5	5.44	0.0273	1.14	0.100	0.405
ARITH. STD. DEV :	30.0	17.0	0.15	0.0057	0.74	0.067	0.251
GEOM. MEAN :	37.1	14.3	5.44	0.0269	0.98	0.082	0.341
GEOM. STD. DEV. :	2.0	2.4	1.03	1.2263	1.80	2.112	2.029
1ST QUARTILE :	18.8	6.6	5.34	0.0229	0.63	0.040	0.195
2ND QUARTILE :	29.3	8.8	5.46	0.0237	0.72	0.075	0.395
3RD QUARTILE :	48.2	19.3	5.55	0.0282	1.05	0.110	0.615
VOL. WGT. MEAN :	*******	12.9	*******	0.0260	0.96	0.103	0.332

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MINISK/CUMULATIVE/PRECIP. #29

PERIOD OF REPORT : JUL 20,82 TO DEC 7,82 PAGE : 2

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES	3.000	5.000	3.000	5.000	3.000	5.000	5.0000
MAXIMUM	0.980	0.260	0.150	0.265	0.630	0.178	0.0210
MINIMUM	0.390	0.120	0.065	0.002	0.200	0.054	0.0015
RANGE	0.590	0.140	0.085	0.262	0.430	0.124	0.0195
ARITH. MEAN	0.710	0.186	0.097	0.091	0.453	0.096	0.0080
ARITH. STD. DEV	0.298	0.065	0.044	0.104	0.225	0.048	0.0087
GEOM. MEAN	0.662	0.177	0.090	0.042	0.406	0.088	0.0045
GEOM. STD. DEV.	1.609	1.416	1.564	5.734	1.856	1.564	3.4300
1ST QUARTILE	********	0.130	********	0.021	********	0.062	0.0015
2ND QUARTILE	********	0.150	********	0.042	********	0.076	0.0022
3RD QUARTILE	********	0.205	********	0.075	********	0.089	0.0080
VOL. WGT. MEAN	0.753	0.165	0.096	0.057	0.494	0.120	0.0056

***** : INSUFFICIENT DATA OR NOT APPLICABLE

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MINISK/CUMULATIVE/PRECIP. #29

PERIOD OF REPORT : JUL 20,82 TO DEC 7,82

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	5.0000	5.0000	5.000	5.0000	5.0000	5.0000	5.000
MAXIMUM :	0.0030	0.0005	0.014	0.1478	0.0040	0.0010	0.072
MINIMUM :	0.0005	0.0005	0.002	0.0080	0.0005	0.0010	0.004
RANGE :	0.0025	0.0000	0.012	0.1398	0.0035	0.0000	0.068
ARITH. MEAN :	0.0017	0.0005	0.007	0.0556	0.0019	0.0010	0.028
ARITH. STD. DEV :	0.0010	0.0000	0.004	0.0569	0.0019	0.0000	0.028
GEOM. MEAN :	0.0014	0.0005	0.006	0.0343	0.0011	0.0010	0.017
GEOM. STD. DEV. :	2.0303	1.0000	1.926	3.1775	3.1235	1.0000	3.243
1ST QUARTILE :	0.0007	0.0005	0.004	0.0120	0.0005	0.0010	0.006
2ND QUARTILE :	0.0015	0.0005	0.006	0.0258	0.0005	0.0010	0.012
3RD QUARTILE :	0.0020	0.0005	0.007	0.0531	0.0022	0.0010	0.028
VOL. WGT. MEAN :	0.0012	0.0005	0.007	0.0312	0.0014	0.0010	0.016

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MINISK/CUMULATIVE/PRECIP. #29

PERIOD OF REPORT : JUL 20,82 TO DEC 7,82

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	5.0000	5.00000	4.0000
MAXIMUM :	0.0026	0.00040	0.0058
MINIMUM :	0.0008	0.00005	0.0025
RANGE :	0.0018	0.00035	0.0033
ARITH. MEAN :	0.0017	0.00017	0.0038
ARITH. STD. DEV :	0.0008	0.00014	0.0014
GEOM. MEAN :	0.0015	0.00013	0.0036
GEOM. STD. DEV. :	1.6830	2.20408	1.4261
1ST QUARTILE :	0.0009	0.00008	0.0028
2ND QUARTILE :	0.0012	0.00010	0.0034
3RD QUARTILE :	0.0020	0.00015	0.0047
VOL. WGT. MEAN :	0.0013	0.00012	0.0042

PART IV

SUMMARY STATISTICS OF PRECIPITATION CONCENTRATION BY REGION

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CENTRAL REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	76.0	70.0	57.00	58.0000	68.00	71.000	59.000
MAXIMUM :	155.0	78.0	5.14	0.1360	8.35	1.330	1.230
MINIMUM :	19.0	10.4	3.93	0.0360	0.85	0.220	0.060
RANGE :	136.0	67.6	1.21	0.1000	7.50	1.110	1.170
ARITH. MEAN :	75.5	31.6	4.27	0.0820	3.42	0.553	0.345
ARITH. STD. DEV :	31.4	12.1	0.22	0.0249	1.77	0.227	0.270
GEOM. MEAN :	68.6	29.2	4.26	0.0781	2.97	0.510	0.261
GEOM. STD. DEV. :	1.6	1.5	1.05	1.3863	1.74	1.505	2.130
1ST QUARTILE :	51.0	20.8	4.13	0.0653	2.13	0.370	0.140
2ND QUARTILE :	72.3	32.1	4.23	0.0796	3.17	0.520	0.215
3RD QUARTILE :	94.0	38.8	4.38	0.1035	4.40	0.695	0.515
VOL. WGT. MEAN :	*******	31.7	*******	0.0824	3.37	0.531	0.293

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CENTRAL REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	70.000	64.000	63.000	69.000	69.000	68.000	66.0000
MAXIMUM :	2.530	1.750	0.260	0.275	0.655	1.010	0.0950
MINIMUM :	0.000	0.090	0.005	0.002	0.002	0.066	0.0005
RANGE :	2.530	1.660	0.255	0.272	0.652	0.944	0.0945
ARITH. MEAN :	0.236	0.549	0.054	0.055	0.078	0.417	0.0171
ARITH. STD. DEV :	0.348	0.319	0.055	0.059	0.106	0.231	0.0204
GEOM. MEAN :	0.176	0.468	0.036	0.033	0.041	0.352	0.0092
GEOM. STD. DEV. :	2.092	1.790	2.448	2.942	3.478	1.860	3.3436
1ST QUARTILE :	0.095	0.325	0.020	0.015	0.025	0.216	0.0050
2ND QUARTILE :	0.160	0.515	0.040	0.035	0.050	0.379	0.0100
3RD QUARTILE :	0.235	0.695	0.050	0.065	0.085	0.550	0.0180
VOL. WGT. MEAN :	0.201	0.503	0.046	0.051	0.071	0.395	0.0149

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CENTRAL REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,82 TO JAN 4,83 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	63.0000	63.0000	61.000	63.0000	62.0000	63.0000	63.000
MAXIMUM :	0.0210	0.0010	0.036	0.2760	0.0150	0.0020	0.166
MINIMUM :	0.0005	0.0005	0.001	0.0073	0.0005	0.0010	0.003
RANGE :	0.0205	0.0005	0.034	0.2687	0.0145	0.0010	0.163
ARITH. MEAN :	0.0039	0.0005	0.007	0.0461	0.0058	0.0010	0.033
ARITH. STD. DEV :	0.0040	0.0001	0.006	0.0478	0.0033	0.0002	0.035
GEOM. MEAN :	0.0025	0.0005	0.006	0.0321	0.0043	0.0010	0.022
GEOM. STD. DEV. :	2.5780	1.2277	2.004	2.2773	2.6036	1.1303	2.408
1ST QUARTILE :	0.0010	0.0005	0.003	0.0193	0.0030	0.0010	0.012
2ND QUARTILE :	0.0025	0.0005	0.005	0.0313	0.0060	0.0010	0.021
3RD QUARTILE :	0.0040	0.0005	0.009	0.0450	0.0080	0.0010	0.037
VOL. WGT. MEAN :	0.0034	0.0005	0.006	0.0374	0.0062	0.0010	0.027

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CENTRAL REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	63.0000	63.00000	57.0000
MAXIMUM :	0.0404	0.00090	0.1175
MINIMUM :	0.0006	0.00005	0.0072
RANGE :	0.0398	0.00085	0.1102
ARITH. MEAN :	0.0028	0.00011	0.0603
ARITH. STD. DEV :	0.0061	0.00014	0.0256
GEOM. MEAN :	0.0014	0.00008	0.0541
GEOM. STD. DEV. :	2.5134	1.98160	1.6695
1ST QUARTILE :	0.0007	0.00005	0.0394
2ND QUARTILE :	0.0010	0.00005	0.0569
3RD QUARTILE :	0.0017	0.00010	0.0733
VOL. WGT. MEAN :	0.0024	0.00011	0.0618

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,82 TO JAN 16,83 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	108.0	92.0	97.00	94.0000	93.00	96.000	94.000
MAXIMUM :	162.0	87.0	6.75	0.2020	9.95	1.180	0.860
MINIMUM :	9.7	4.4	3.68	0.0238	0.35	0.000	0.000
RANGE :	152.3	82.6	3.07	0.1782	9.60	1.180	0.860
ARITH. MEAN :	59.9	29.5	4.29	0.0830	2.67	0.425	0.203
ARITH. STD. DEV :	34.9	15.5	0.39	0.0337	1.84	0.237	0.172
GEOM. MEAN :	49.9	25.6	4.28	0.0761	2.15	0.367	0.155
GEOM. STD. DEV. :	1.9	1.8	1.08	1.5434	1.99	1.881	2.175
1ST QUARTILE :	32.4	19.8	4.07	0.0556	1.45	0.265	0.090
2ND QUARTILE :	52.5	26.7	4.23	0.0842	2.27	0.385	0.125
3RD QUARTILE :	85.9	37.9	4.39	0.1009	3.47	0.535	0.260
VOL. WGT. MEAN :	*******	26.5	*******	0.0771	2.43	0.375	0.170

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,82 TO JAN 16,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	94.000	86.000	94.000	93.000	93.000	91.000	85.0000
MAXIMUM :	0.830	2.600	0.190	0.535	0.600	0.980	0.2150
MINIMUM :	0.000	0.120	0.000	0.000	0.000	0.022	0.0010
RANGE :	0.830	2.480	0.190	0.535	0.600	0.958	0.2140
ARITH. MEAN :	0.139	0.455	0.037	0.056	0.064	0.312	0.0141
ARITH. STD. DEV :	0.134	0.355	0.035	0.073	0.084	0.223	0.0259
GEOM. MEAN :	0.128	0.370	0.031	0.050	0.046	0.237	0.0072
GEOM. STD. DEV. :	2.126	1.858	2.364	2.624	2.768	2.208	3.0656
1ST QUARTILE :	0.065	0.225	0.015	0.020	0.025	0.130	0.0040
2ND QUARTILE :	0.100	0.370	0.030	0.037	0.042	0.244	0.0075
3RD QUARTILE :	0.165	0.565	0.042	0.067	0.070	0.440	0.0145
VOL. WGT. MEAN :	0.134	0.443	0.033	0.057	0.058	0.289	0.0143

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,82 TO JAN 16,83 PAGE : 3

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	89.0000	89.0000	86.000	85.0000	88.0000	89.0000	85.000
MAXIMUM :	0.0210	0.0030	0.038	0.2900	0.0150	0.0030	0.209
MINIMUM :	0.0005	0.0005	0.001	0.0040	0.0005	0.0010	0.003
RANGE :	0.0205	0.0025	0.036	0.2860	0.0145	0.0020	0.206
ARITH. MEAN :	0.0033	0.0007	0.007	0.0433	0.0052	0.0011	0.035
ARITH. STD. DEV :	0.0032	0.0004	0.006	0.0423	0.0039	0.0004	0.034
GEOM. MEAN :	0.0023	0.0006	0.005	0.0301	0.0034	0.0011	0.023
GEOM. STD. DEV. :	2.4280	1.4623	2.034	2.3763	2.8828	1.2555	2.687
1ST QUARTILE :	0.0010	0.0005	0.003	0.0161	0.0020	0.0010	0.011
2ND QUARTILE :	0.0020	0.0005	0.005	0.0281	0.0040	0.0010	0.024
3RD QUARTILE :	0.0040	0.0005	0.008	0.0547	0.0080	0.0010	0.051
VOL. WGT. MEAN :	0.0026	0.0006	0.006	0.0358	0.0049	0.0011	0.029

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,82 TO JAN 16,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	87.0000	89.00000	97.0000
MAXIMUM :	0.0683	0.00140	0.2089
MINIMUM :	0.0006	0.00005	0.0002
RANGE :	0.0677	0.00135	0.2088
ARITH. MEAN :	0.0030	0.00014	0.0637
ARITH. STD. DEV :	0.0083	0.00022	0.0366
GEOM. MEAN :	0.0016	0.00009	0.0507
GEOM. STD. DEV. :	2.2822	2.30395	2.4660
1ST QUARTILE :	0.0009	0.00005	0.0403
2ND QUARTILE :	0.0013	0.00005	0.0575
3RD QUARTILE :	0.0023	0.00015	0.0822
VOL. WGT. MEAN :	0.0023	0.00014	0.0578

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,82 TO JAN 16,83 PAGE : 1

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	91.0	71.0	76.00	76.0000	85.00	86.000	73.000
MAXIMUM :	193.0	45.5	6.20	0.0710	4.00	0.690	0.680
MINIMUM :	4.5	5.1	4.11	0.0210	0.30	0.030	0.010
RANGE :	188.5	40.4	2.09	0.0500	3.70	0.660	0.670
ARITH. MEAN :	55.5	12.3	4.92	0.0386	1.42	0.254	0.216
ARITH. STD. DEV :	38.8	6.7	0.45	0.0124	0.81	0.133	0.129
GEOM. MEAN :	43.2	11.0	4.90	0.0368	1.23	0.220	0.177
GEOM. STD. DEV. :	2.1	1.6	1.09	1.3735	1.72	1.753	2.077
1ST QUARTILE :	26.7	7.5	4.63	0.0291	0.82	0.155	0.125
2ND QUARTILE :	46.3	10.5	4.84	0.0360	1.20	0.225	0.185
3RD QUARTILE :	70.6	14.1	5.15	0.0471	1.70	0.318	0.275
VOL. WGT. MEAN :	*******	11.3	*******	0.0374	1.35	0.218	0.214

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,82 TO JAN 16,83 PAGE : 2

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES	82.000	72.000	73.000	77.000	76.000	79.000	71.0000
MAXIMUM	0.980	1.380	0.150	0.265	0.630	1.030	0.0760
MINIMUM	0.000	0.080	0.000	0.000	0.002	0.001	0.0000
RANGE	0.980	1.300	0.150	0.265	0.627	1.029	0.0760
ARITH. MEAN	0.111	0.504	0.037	0.052	0.066	0.309	0.0151
ARITH. STD. DEV	0.138	0.266	0.025	0.043	0.095	0.202	0.0142
GEOM. MEAN	0.090	0.457	0.035	0.042	0.042	0.227	0.0113
GEOM. STD. DEV.	2.174	1.749	1.902	2.177	2.403	2.867	2.4787
1ST QUARTILE	0.050	0.325	0.020	0.025	0.025	0.182	0.0055
2ND QUARTILE	0.080	0.430	0.032	0.040	0.037	0.262	0.0120
3RD QUARTILE	0.130	0.620	0.050	0.060	0.070	0.390	0.0185
VOL. WGT. MEAN	0.097	0.484	0.037	0.053	0.060	0.302	0.0145

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,82 TO JAN 16,83 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	73.0000	72.0000	72.000	69.0000	72.0000	73.0000	70.000
MAXIMUM :	0.0220	0.0030	0.037	0.3350	0.0110	0.0020	0.098
MINIMUM :	0.0005	0.0005	0.001	0.0067	0.0005	0.0010	0.003
RANGE :	0.0215	0.0025	0.036	0.3283	0.0105	0.0010	0.094
ARITH. MEAN :	0.0037	0.0007	0.007	0.0489	0.0031	0.0011	0.034
ARITH. STD. DEV :	0.0032	0.0004	0.006	0.0511	0.0026	0.0003	0.025
GEOM. MEAN :	0.0028	0.0006	0.005	0.0341	0.0021	0.0011	0.025
GEOM. STD. DEV. :	2.1182	1.5063	2.259	2.3120	2.6014	1.2436	2.234
1ST QUARTILE :	0.0020	0.0005	0.003	0.0181	0.0010	0.0010	0.015
2ND QUARTILE :	0.0030	0.0005	0.005	0.0344	0.0020	0.0010	0.025
3RD QUARTILE :	0.0040	0.0005	0.008	0.0565	0.0040	0.0010	0.041
VOL. WGT. MEAN :	0.0036	0.0007	0.005	0.0424	0.0029	0.0011	0.033

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4,82 TO JAN 16,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	73.0000	73.00000	76.0000
MAXIMUM :	0.1210	0.00200	0.0776
MINIMUM :	0.0007	0.00005	0.0006
RANGE :	0.1203	0.00195	0.0770
ARITH. MEAN :	0.0041	0.00015	0.0183
ARITH. STD. DEV :	0.0148	0.00025	0.0156
GEOM. MEAN :	0.0018	0.00010	0.0120
GEOM. STD. DEV. :	2.3921	2.21718	2.8352
1ST QUARTILE :	0.0009	0.00005	0.0070
2ND QUARTILE :	0.0015	0.00010	0.0143
3RD QUARTILE :	0.0026	0.00020	0.0237
VOL. WGT. MEAN :	0.0025	0.00011	0.0152

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 31,81 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	50.0	47.0	47.00	44.0000	48.00	49.000	47.000
MAXIMUM :	138.0	56.2	4.82	0.1498	6.60	1.280	1.690
MINIMUM :	10.0	10.1	3.90	0.0386	0.55	0.170	0.090
RANGE :	128.0	46.1	0.92	0.1112	6.05	1.110	1.600
ARITH. MEAN :	56.0	32.8	4.23	0.0888	3.39	0.543	0.388
ARITH. STD. DEV :	29.0	13.0	0.24	0.0280	1.64	0.234	0.297
GEOM. MEAN :	47.9	29.9	4.22	0.0843	2.88	0.495	0.309
GEOM. STD. DEV. :	1.8	1.6	1.06	1.3963	1.91	1.567	1.961
1ST QUARTILE :	34.7	22.6	4.02	0.0708	2.13	0.380	0.160
2ND QUARTILE :	52.0	31.3	4.19	0.0839	3.47	0.495	0.325
3RD QUARTILE :	68.3	42.6	4.36	0.1089	4.50	0.670	0.465
VOL. WGT. MEAN :	********	34.2	********	0.0906	3.51	0.521	0.343

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 31,81 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES	47.000	45.000	44.000	47.000	47.000	48.000	45.0000
MAXIMUM	0.760	1.600	0.305	0.240	0.580	0.980	0.0600
MINIMUM	0.050	0.080	0.005	0.005	0.005	0.060	0.0005
RANGE	0.710	1.520	0.300	0.235	0.575	0.920	0.0595
ARITH. MEAN	0.176	0.546	0.061	0.053	0.083	0.404	0.0151
ARITH. STD. DEV	0.127	0.304	0.059	0.050	0.103	0.194	0.0140
GEOM. MEAN	0.147	0.468	0.044	0.038	0.047	0.351	0.0101
GEOM. STD. DEV.	1.778	1.816	2.210	2.316	2.970	1.793	2.6525
1ST QUARTILE	0.100	0.365	0.030	0.022	0.020	0.276	0.0055
2ND QUARTILE	0.140	0.480	0.042	0.035	0.050	0.395	0.0100
3RD QUARTILE	0.215	0.650	0.070	0.062	0.103	0.495	0.0180
VOL. WGT. MEAN	0.158	0.524	0.055	0.045	0.071	0.392	0.0126

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 31,81 TO JAN 4,83 PAGE : 3

	MANGANSE	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
# OF SAMPLES :	43.0000	43.0000	43.000	43.0000	43.0000	43.0000	43.000
MAXIMUM :	0.0140	0.0020	0.053	0.1277	0.0140	0.0030	0.109
MINIMUM :	0.0005	0.0005	0.002	0.0074	0.0005	0.0010	0.004
RANGE :	0.0135	0.0015	0.052	0.1203	0.0135	0.0020	0.105
ARITH. MEAN :	0.0040	0.0006	0.008	0.0448	0.0076	0.0010	0.032
ARITH. STD. DEV :	0.0031	0.0004	0.008	0.0305	0.0034	0.0003	0.026
GEOM. MEAN :	0.0029	0.0006	0.006	0.0351	0.0066	0.0010	0.023
GEOM. STD. DEV. :	2.3090	1.4731	1.911	2.0840	1.9073	1.1824	2.440
1ST QUARTILE :	0.0020	0.0005	0.004	0.0176	0.0050	0.0010	0.013
2ND QUARTILE :	0.0030	0.0005	0.006	0.0369	0.0070	0.0010	0.023
3RD QUARTILE :	0.0060	0.0005	0.009	0.0646	0.0100	0.0010	0.043
VOL. WGT. MEAN :	0.0032	0.0006	0.006	0.0398	0.0079	0.0010	0.028

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 31,81 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	43.0000	43.00000	47.0000
MAXIMUM :	0.0081	0.00040	0.1259
MINIMUM :	0.0007	0.00005	0.0151
RANGE :	0.0074	0.00035	0.1108
ARITH. MEAN :	0.0020	0.00011	0.0671
ARITH. STD. DEV :	0.0018	0.00009	0.0312
GEOM. MEAN :	0.0016	0.00008	0.0591
GEOM. STD. DEV. :	1.9769	1.94344	1.7260
1ST QUARTILE :	0.0009	0.00005	0.0390
2ND QUARTILE :	0.0012	0.00005	0.0631
3RD QUARTILE :	0.0024	0.00010	0.0934
VOL. WGT. MEAN :	0.0018	0.00010	0.0725

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	PRECIP. MM	CONDUCT. UMHO/CM	PH LAB	TOTAL H+ TO PH8.3 MG/L	SULPHATE MG/L	NITRATE AS N MG/L	CALCIUM MG/L
# OF SAMPLES :	114.0	109.0	96.00	96.0000	106.00	104.000	94.000
MAXIMUM :	172.0	118.0	6.20	0.2240	17.70	1.940	2.430
MINIMUM :	12.4	11.3	3.63	0.0336	0.95	0.200	0.100
RANGE :	159.6	106.7	2.57	0.1904	16.75	1.740	2.330
ARITH. MEAN :	68.5	40.5	4.27	0.0947	5.08	0.688	0.639
ARITH. STD. DEV :	33.1	21.2	0.41	0.0474	3.24	0.362	0.508
GEOM. MEAN :	59.8	35.8	4.25	0.0845	4.35	0.612	0.486
GEOM. STD. DEV. :	1.7	1.6	1.09	1.6069	1.72	1.611	2.095
1ST QUARTILE :	45.0	25.4	4.02	0.0588	3.00	0.445	0.295
2ND QUARTILE :	67.3	34.4	4.16	0.0852	4.13	0.600	0.470
3RD QUARTILE :	84.5	47.3	4.44	0.1090	5.45	0.805	0.795
VOL. WGT. MEAN :	*******	35.4	*******	0.0879	4.25	0.589	0.518

***** : INSUFFICIENT DATA OR NOT APPLICABLE
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	CHLORIDE MG/L	KJELDAHL AS N MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	PHOSPHOR MG/L
# OF SAMPLES :	110.000	98.000	97.000	103.000	103.000	106.000	98.0000
MAXIMUM :	1.340	2.500	0.800	0.630	0.905	2.040	0.3700
MINIMUM :	0.005	0.150	0.010	0.000	0.005	0.080	0.0005
RANGE :	1.335	2.350	0.790	0.630	0.900	1.960	0.3695
ARITH. MEAN :	0.326	0.852	0.149	0.079	0.135	0.651	0.0356
ARITH. STD. DEV :	0.272	0.512	0.147	0.089	0.163	0.412	0.0572
GEOM. MEAN :	0.227	0.722	0.105	0.052	0.078	0.531	0.0152
GEOM. STD. DEV. :	2.665	1.799	2.262	2.638	3.010	1.964	3.9693
1ST QUARTILE :	0.155	0.490	0.065	0.030	0.037	0.375	0.0080
2ND QUARTILE :	0.245	0.730	0.095	0.047	0.080	0.570	0.0130
3RD QUARTILE :	0.400	0.995	0.163	0.105	0.185	0.785	0.0410
VOL. WGT. MEAN :	0.266	0.724	0.122	0.069	0.116	0.551	0.0283

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83 PAGE : 3

	MANGANSE MG/L	NICKEL MG/L	ZINC MG/L	IRON MG/L	LEAD MG/L	VANADIUM MG/L	ALUMINUM MG/L
# OF SAMPLES :	96.0000	97.0000	95.000	91.0000	96.0000	97.0000	91.000
MAXIMUM :	0.0380	0.0020	0.049	0.9440	0.0500	0.0040	0.793
MINIMUM :	0.0005	0.0005	0.001	0.0085	0.0005	0.0010	0.005
RANGE :	0.0375	0.0015	0.048	0.9355	0.0495	0.0030	0.788
ARITH. MEAN :	0.0056	0.0006	0.010	0.0801	0.0073	0.0011	0.065
ARITH. STD. DEV :	0.0058	0.0002	0.007	0.1184	0.0062	0.0004	0.094
GEOM. MEAN :	0.0040	0.0005	0.008	0.0500	0.0055	0.0010	0.040
GEOM. STD. DEV. :	2.2927	1.2799	1.882	2.4647	2.2621	1.2106	2.557
1ST QUARTILE :	0.0020	0.0005	0.005	0.0256	0.0040	0.0010	0.019
2ND QUARTILE :	0.0040	0.0005	0.008	0.0414	0.0060	0.0010	0.037
3RD QUARTILE :	0.0070	0.0005	0.013	0.0979	0.0090	0.0010	0.078
VOL. WGT. MEAN :	0.0048	0.0006	0.009	0.0643	0.0071	0.0011	0.052

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF PRECIPITATION CONCENTRATIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 5,82 TO JAN 4,83

	COPPER MG/L	CADMIUM MG/L	FREE H+ LAB MG/L
# OF SAMPLES :	95.0000	96.00000	96.0000
MAXIMUM :	0.0636	0.00470	0.2344
MINIMUM :	0.0006	0.00005	0.0006
RANGE :	0.0630	0.00465	0.2338
ARITH. MEAN :	0.0044	0.00021	0.0730
ARITH STD. DEV :	0.0111	0.00053	0.0480
GEOM. MEAN :	0.0018	0.00011	0.0542
GEOM. STD. DEV. :	2.7487	2.50023	2.5775
1ST QUARTILE :	0.0008	0.00005	0.0359
2ND QUARTILE :	0.0014	0.00010	0.0692
3RD QUARTILE :	0.0025	0.00020	0.0955
VOL. WGT. MEAN :	0.0039	0.00018	0.0676

PART V

SUMMARY STATISTICS OF WET DEPOSITION BY STATION

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ALVINSTON/CUMULATIVE/PRECIP. 805

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES	13.0	11.0000	11.0000	12.00	11.000	10.000	13.000
MAXIMUM	124.0	9.2326	10.2786	421.80	55.500	107.280	29.760
MINIMUM	14.0	0.0334	2.2048	143.10	25.800	10.010	0.590
RANGE	110.0	9.1991	8.0738	278.70	29.700	97.270	29.170
ARITH. MEAN	65.3	3.7611	5.4154	258.24	39.124	44.932	16.157
ARITH. STD. DEV	31.7	2.9996	2.8113	87.52	9.626	35.970	8.631
GEOM. MEAN	56.8	1.8688	4.7383	244.59	37.996	33.805	11.991
GEOM. STD. DEV.	1.8	5.7028	1.7407	1.42	1.294	2.219	2.910
1ST QUARTILE	43.5	0.7776	2.5998	182.82	27.380	18.022	10.950
2ND QUARTILE	59.5	2.7720	4.4273	256.40	40.015	30.550	16.150
3RD QUARTILE	76.9	6.2994	7.7465	302.36	45.000	56.085	19.435

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ALVINSTON/CUMULATIVE/PRECIP. 805

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	10.000	12.000	12.000	12.000	12.0000	10.0000
MAXIMUM :	55.440	19.800	44.100	16.430	43.920	5.1940	0.9340
MINIMUM :	25.440	2.750	0.819	1.530	8.574	0.0885	0.0910
RANGE :	30.000	17.070	43.281	14.900	35.546	5.1055	0.8450
ARITH. MEAN :	40.209	8.444	8.065	7.449	30.029	1.6021	0.3940
ARITH. STD. DEV :	11.487	6.427	11.818	5.599	11.303	1.3552	0.3198
GEOM. MEAN :	38.674	6.604	4.530	5.460	27.430	1.1014	0.2908
GEOM. STD. DEV. :	1.342	2.071	2.845	2.342	1.433	2.8322	2.2868
1ST QUARTILE :	28.425	3.318	2.402	2.842	22.790	0.6970	0.1409
2ND QUARTILE :	40.246	5.810	4.352	5.896	29.707	1.3060	0.2640
3RD QUARTILE :	52.390	10.300	7.815	11.712	39.036	2.0940	0.5640

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ALVINSTON/CUMULATIVE/PRECIP. 805

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	11.0000	9.000	8.0000	11.0000	11.000	8.000	9.0000
MAXIMUM :	0.0620	1.742	13.6051	0.7371	0.124	16.128	3.0486
MINIMUM :	0.0170	0.224	1.3987	0.0170	0.034	0.706	0.0677
RANGE :	0.0450	1.518	12.2064	0.7201	0.090	15.422	2.9808
ARITH. MEAN :	0.0368	0.860	5.6768	0.3362	0.074	4.942	0.4601
ARITH. STD. DEV :	0.0134	0.426	4.1110	0.1794	0.027	5.143	0.9729
GEOM. MEAN :	0.0346	0.759	4.3953	0.2620	0.069	3.143	0.1742
GEOM. STD. DEV. :	1.4463	1.764	2.2248	2.6491	1.446	2.839	3.2342
1ST QUARTILE :	0.0265	0.613	2.2569	0.2110	0.053	1.433	0.0760
2ND QUARTILE :	0.0325	0.740	5.0637	0.3210	0.065	3.540	0.1139
3RD QUARTILE :	0.0432	0.957	7.8846	0.3960	0.086	6.376	0.1899

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ALVINSTON/CUMULATIVE/PRECIP. #05

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	CADMIUM MG/M**2
# OF SAMPLES :	10.00000
MAXIMUM :	0.01240
MINIMUM :	0.00295
RANGE :	0.00945
ARITH. MEAN :	0.00690
ARITH. STD. DEV :	0.00259
GEOM. MEAN :	0.00647
GEOM. STD. DEV. :	1.47052
1ST QUARTILE :	0.00530
2ND QUARTILE :	0.00650
3RD QUARTILE :	0.00769

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ATTAWAPISKAT/CUMULATIVE/PRECIP. #28

PERIOD OF REPORT : FEB 9, 82 TO JAN 16,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	6.0	2.0000	4.0000	2.00	3.000	2.000	2.000
MAXIMUM :	143.6	0.0998	5.1696	93.34	45.279	18.200	78.980
MINIMUM :	9.7	0.0255	0.2309	40.95	0.000	12.924	10.920
RANGE :	133.9	0.0742	4.9387	52.39	45.279	5.276	68.060
ARITH. MEAN :	75.1	0.0627	3.0315	67.14	16.913	15.562	44.950
ARITH. STD. DEV :	48.0	0.0525	2.1092	37.05	24.717	3.731	48.126
GEOM. MEAN :	56.6	0.0505	1.9014	61.82	6.276	15.337	29.368
GEOM. STD. DEV. :	2.6	2.6214	4.1739	1.79	4.058	1.274	4.051
1ST QUARTILE :	25.0	********	1.4986	********	********	********	********
2ND QUARTILE :	75.9	********	3.3628	********	********	********	********
3RD QUARTILE :	98.1	********	4.5644	********	********	********	********

***** : INSUFFICIENT DATA
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ATTAWAPISKAT/CUMULATIVE/PRECIP. #28

PERIOD OF REPORT : FEB 9, 82 TO JAN 16,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	3.000	2.000	3.000	2.000	3.000	3.0000	3.0000
MAXIMUM :	373.360	27.284	56.722	44.516	86.160	30.8740	1.2636
MINIMUM :	52.780	4.550	14.560	4.550	10.556	2.7378	0.1820
RANGE :	320.580	22.734	42.162	39.966	75.604	28.1362	1.0816
ARITH. MEAN :	167.670	15.917	42.539	24.533	41.926	12.8419	0.6255
ARITH. STD. DEV :	178.540	16.075	24.231	28.260	39.409	15.6541	0.5665
GEOM. MEAN :	114.846	11.142	35.966	14.232	29.788	7.4612	0.4627
GEOM. STD. DEV. :	2.824	3.549	2.188	5.016	2.858	3.5403	2.6401
1ST QUARTILE :	********	********	********	********	********	********	********
2ND QUARTILE :	********	********	********	********	********	********	********
3RD QUARTILE :	********	********	********	********	********	********	********

***** : INSUFFICIENT DATA

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ATTAWAPISKAT/CUMULATIVE/PRECIP. #28

PERIOD OF REPORT : FEB 9, 82 TO JAN 16,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	3.0000	3.000	3.0000	3.0000	3.000	3.000	3.0000
MAXIMUM :	0.0718	3.980	15.4791	0.5265	0.144	10.530	0.7192
MINIMUM :	0.0455	0.291	2.1658	0.0455	0.091	0.555	0.1001
RANGE :	0.0263	3.689	13.3133	0.4810	0.053	9.975	0.6191
ARITH. MEAN :	0.0566	1.605	7.9830	0.2146	0.113	4.408	0.3157
ARITH. STD. DEV :	0.0136	2.061	6.8136	0.2704	0.027	5.360	0.3497
GEOM. MEAN :	0.0556	0.857	5.9565	0.1198	0.111	2.321	0.2095
GEOM. STD. DEV. :	1.2623	3.920	2.6767	3.6770	1.262	4.363	2.9298
1ST QUARTILE :	********	********	********	********	********	********	********
2ND QUARTILE :	********	********	********	********	********	********	********
3RD QUARTILE :	********	********	********	********	********	********	********

***** : INSUFFICIENT DATA

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : ATTAWAPISKAT/CUMULATIVE/PRECIP. #28

PERIOD OF REPORT : FEB 9, 82 TO JAN 16,83

	CADMIUM MG/M**2
# OF SAMPLES :	3.00000
MAXIMUM :	0.12636
MINIMUM :	0.00455
RANGE :	0.12181
ARITH. MEAN :	0.04603
ARITH. STD. DEV :	0.06958
GEOM. MEAN :	0.01604
GEOM. STD. DEV. :	6.06131
1ST QUARTILE :	**********
2ND QUARTILE :	**********
3RD QUARTILE :	**********

***** : INSUFFICIENT DATA

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : BEAR ISLAND/CUMULATIVE/PRECIP. #24

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	12.0000	11.0000	12.00	12.000	12.000	12.000
MAXIMUM :	127.9	7.2006	9.1199	296.10	38.070	25.135	14.620
MINIMUM :	23.0	1.2515	2.4741	52.70	7.896	1.645	0.000
RANGE :	104.9	5.9492	6.6458	243.40	30.174	23.490	14.620
ARITH. MEAN :	49.9	3.0725	4.0507	131.20	18.796	9.148	4.978
ARITH. STD. DEV :	29.0	1.6712	1.8553	69.06	8.580	6.692	4.050
GEOM. MEAN :	44.3	2.7174	3.7728	117.22	17.096	7.261	3.712
GEOM. STD. DEV. :	1.6	1.6692	1.4506	1.63	1.584	2.069	2.195
1ST QUARTILE :	30.6	1.7153	2.5390	78.67	12.800	4.523	2.238
2ND QUARTILE :	39.5	2.9655	3.6115	121.40	17.245	6.994	3.868
3RD QUARTILE :	52.8	3.9197	4.1761	141.67	24.123	11.876	7.277

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : BEAR ISLAND/CUMULATIVE/PRECIP. #24

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	9.000	12.000	11.000	12.000	12.000	8.0000	11.0000
MAXIMUM :	65.988	5.484	5.265	9.860	29.441	1.3254	0.4570
MINIMUM :	6.398	0.000	0.162	0.493	1.005	0.0972	0.0566
RANGE :	59.590	5.484	5.103	9.366	28.435	1.2282	0.4004
ARITH. MEAN :	21.850	1.704	2.327	2.526	12.331	0.5318	0.1785
ARITH. STD. DEV :	18.118	1.505	1.545	2.530	8.373	0.4288	0.1253
GEOM. MEAN :	17.583	1.382	1.698	1.834	9.466	0.3625	0.1463
GEOM. STD. DEV. :	1.926	2.137	2.710	2.223	2.406	2.7744	1.9206
1ST QUARTILE :	13.415	0.815	0.744	1.127	8.417	0.1205	0.0752
2ND QUARTILE :	14.316	1.497	2.106	1.578	10.237	0.5375	0.1254
3RD QUARTILE :	17.478	1.956	2.840	3.312	14.669	0.7577	0.1959

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : BEAR ISLAND/CUMULATIVE/PRECIP. #24

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	11.0000	11.000	11.0000	11.0000	11.000	11.000	11.0000
MAXIMUM :	0.0914	0.551	11.6080	0.5391	0.128	8.376	0.0953
MINIMUM :	0.0141	0.139	0.6787	0.0228	0.028	0.177	0.0320
RANGE :	0.0772	0.413	10.9293	0.51e2	0.100	8.199	0.0634
ARITH. MEAN :	0.0380	0.316	2.5093	0.2604	0.056	2.045	0.0581
ARITH. STD. DEV :	0.0225	0.126	3.3232	0.1755	0.029	2.461	0.0216
GEOM. MEAN :	0.0330	0.291	1.5439	0.1926	0.051	1.133	0.0545
GEOM. STD. DEV. :	1.7395	1.540	2.4874	2.5565	1.551	3.201	1.4575
1ST QUARTILE :	0.0185	0.186	0.7423	0.1049	0.036	0.377	0.0351
2ND QUARTILE :	0.0312	0.308	1.0673	0.2049	0.043	1.094	0.0510
3RD QUARTILE :	0.0411	0.389	1.9429	0.3944	0.062	2.257	0.0767

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : BEAR ISLAND/CUMULATIVE/PRECIP. #24

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	11.00000
MAXIMUM :	0.02800
MINIMUM :	0.00164
RANGE :	0.02635
ARITH. MEAN :	0.00806
ARITH. STD. DEV :	0.00734
GEOM. MEAN :	0.00596
GEOM. STD. DEV. :	2.24704
1ST QUARTILE :	0.00264
2ND QUARTILE :	0.00602
3RD QUARTILE :	0.00881

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CAMPBELLFORD/CUMULATIVE/PRECIP. #13

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	10.0000	10.0000	12.00	12.000	11.000	12.000
MAXIMUM :	115.0	11.2671	11.6854	661.25	67.850	57.000	14.950
MINIMUM :	34.2	1.1982	2.8745	72.60	13.230	7.260	3.920
RANGE :	80.8	10.0689	8.8109	588.65	54.620	49.740	11.030
ARITH. MEAN :	66.7	4.2825	5.7933	240.65	35.394	29.085	10.395
ARITH. STD. DEV :	24.0	2.8098	2.5811	168.85	15.820	15.893	3.369
GEOM. MEAN :	63.0	3.6170	5.3391	192.64	32.075	24.951	9.799
GEOM. STD. DEV. :	1.4	1.8471	1.5244	2.04	1.614	1.846	1.466
1ST QUARTILE :	46.5	2.2890	3.4412	98.19	25.454	16.191	8.050
2ND QUARTILE :	62.9	3.9627	5.6935	230.59	31.006	22.730	10.413
3RD QUARTILE :	73.8	4.7189	6.2132	315.32	45.234	36.735	13.011

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CAMPBELLFORD/CUMULATIVE/PRECIP. #13

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	10.000	12.000	11.000	12.000	11.000	10.0000	8.0000
MAXIMUM :	63.080	14.950	7.600	7.600	41.800	2.7720	0.5250
MINIMUM :	13.804	0.980	1.294	0.245	6.658	0.2450	0.0363
RANGE :	49.276	13.970	6.306	7.355	35.142	2.5270	0.4887
ARITH. MEAN :	35.676	3.511	2.855	4.145	25.581	0.9565	0.2421
ARITH. STD. DEV :	16.878	3.830	1.915	2.378	13.144	0.7497	0.1622
GEOM. MEAN :	31.443	2.500	2.424	2.879	21.772	0.7457	0.1848
GEOM. STD. DEV. :	1.755	2.212	1.770	3.184	1.904	2.1185	2.3993
1ST QUARTILE :	15.024	1.261	1.495	2.396	10.853	0.3742	0.1028
2ND QUARTILE :	37.331	2.500	1.783	4.414	26.265	0.7755	0.2364
3RD QUARTILE :	46.335	4.027	3.745	5.818	37.760	1.0764	0.3485

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CAMPBELLFORD/CUMULATIVE/PRECIP. #13

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	NICKEL MG/M**2	ZINC MG/M**2	IRON MG/M**2	LEAD MG/M**2	VANADIUM MG/M**2	ALUMINUM MG/M**2	COPPER MG/M**2
# OF SAMPLES :	8.0000	8.000	8.0000	8.0000	8.000	8.000	8.0000
MAXIMUM :	0.0575	1.196	5.6810	0.7532	0.115	4.036	2.1273
MINIMUM :	0.0220	0.153	1.3020	0.0245	0.044	0.691	0.0611
RANGE :	0.0355	1.043	4.3790	0.7287	0.071	3.345	2.0662
ARITH. MEAN :	0.0375	0.557	3.3609	0.4151	0.075	2.561	0.3834
ARITH. STD. DEV :	0.0127	0.314	1.6870	0.2641	0.025	1.359	0.7091
GEOM. MEAN :	0.0357	0.481	2.9565	0.2706	0.071	2.152	0.1645
GEOM. STD. DEV. :	1.4028	1.838	1.7558	3.5329	1.403	1.988	3.2416
1ST QUARTILE :	0.0275	0.367	1.7526	0.2162	0.055	1.172	0.0696
2ND QUARTILE :	0.0369	0.510	3.2973	0.4378	0.074	2.991	0.1248
3RD QUARTILE :	0.0459	0.678	4.9022	0.6174	0.092	3.718	0.2450

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CAMPBELLFORD/CUMULATIVE/PRECIP. #13

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	CADMIUM MG/M**2
# OF SAMPLES :	8.00000
MAXIMUM :	0.01520
MINIMUM :	0.00245
RANGE :	0.01275
ARITH. MEAN :	0.00612
ARITH. STD. DEV :	0.00450
GEOM. MEAN :	0.00505
GEOM. STD. DEV. :	1.88095
1ST QUARTILE :	0.00334
2ND QUARTILE :	0.00407
3RD QUARTILE :	0.00825

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLCHESTER/CUMULATIVE/PRECIP. #01

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES	13.0	11.0000	11.0000	12.00	12.000	11.000	12.000
MAXIMUM	106.0	7.8990	7.7720	652.80	53.550	99.110	91.120
MINIMUM	16.0	1.1861	1.8126	102.30	24.640	10.780	6.700
RANGE	90.0	6.7129	5.9594	550.50	28.910	88.330	84.420
ARITH. MEAN	60.1	4.8484	5.8730	325.07	37.361	43.898	23.285
ARITH. STD. DEV	27.2	2.1144	2.2630	147.70	8.317	26.972	22.513
GEOM. MEAN	53.4	4.2580	5.3052	294.42	36.519	37.047	18.073
GEOM. STD. DEV.	1.7	1.8180	1.6905	1.62	1.251	1.867	1.964
1ST QUARTILE	44.1	2.3322	3.0318	229.00	32.090	25.690	11.872
2ND QUARTILE	53.5	5.2920	6.8212	306.58	37.158	30.794	17.580
3RD QUARTILE	69.0	6.2476	7.6363	378.00	42.515	55.020	24.795

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLCHESTER/CUMULATIVE/PRECIP. #01

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	11.000	12.000	12.000	12.000	12.0000	12.0000
MAXIMUM :	112.200	29.150	10.200	58.140	103.020	6.2730	1.1560
MINIMUM :	14.740	2.310	1.575	1.470	8.840	0.1050	0.1320
RANGE :	97.460	26.840	8.625	56.670	94.180	6.1680	1.0240
ARITH. MEAN :	54.124	12.550	4.386	10.193	39.286	2.1898	0.3745
ARITH. STD. DEV :	28.390	8.484	2.726	15.605	25.993	2.0727	0.2791
GEOM. MEAN :	47.395	10.005	3.681	5.730	31.869	1.2704	0.3115
GEOM. STD. DEV. :	1.745	2.098	1.860	2.724	2.033	3.5199	1.8186
1ST QUARTILE :	34.080	5.890	2.394	3.079	24.117	0.9170	0.2055
2ND QUARTILE :	44.405	8.698	3.480	4.862	31.485	1.3115	0.2920
3RD QUARTILE :	77.420	17.970	5.932	10.165	55.185	3.6120	0.4140

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLCHESTER/CUMULATIVE/PRECIP. 801

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	12.000	12.0000	12.0000	12.000	12.000	12.0000
MAXIMUM :	0.0530	1.682	10.5128	1.4070	0.106	12.451	1.9842
MINIMUM :	0.0110	0.111	1.0149	0.0530	0.016	1.080	0.0759
RANGE :	0.0420	1.571	9.4979	1.3540	0.090	11.371	1.9083
ARITH. MEAN :	0.0298	0.663	4.1599	0.5485	0.058	3.584	0.2656
ARITH. STD. DEV :	0.0129	0.391	2.6760	0.3486	0.028	3.202	0.5422
GEOM. MEAN :	0.0273	0.555	3.4555	0.4294	0.052	2.760	0.1345
GEOM. STD. DEV. :	1.5729	1.982	1.9143	2.3266	1.749	2.030	2.4302
1ST QUARTILE :	0.0221	0.498	2.2145	0.2880	0.044	1.662	0.0889
2ND QUARTILE :	0.0267	0.614	3.3453	0.5572	0.053	2.281	0.0976
3RD QUARTILE :	0.0345	0.793	5.6377	0.6915	0.069	4.441	0.1450

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLCHESTER/CUMULATIVE/PRECIP. 801

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83 PAGE : 4

		CADMIUM
		MG/M**2
# OF SAMPLES	:	12.00000
MAXIMUM	:	0.04900
MINIMUM	:	0.00197
RANGE	:	0.04703
ARITH. MEAN	:	0.01065
ARITH. STD. DEV	:	0.01303
GEOM. MEAN	:	0.00704
GEOM. STD. DEV.	:	2.37659
1ST QUARTILE	:	0.00430
2ND QUARTILE	:	0.00595
3RD QUARTILE	:	0.01030

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLDWATER/CUMULATIVE/PRECIP. #12

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	12.0000	12.0000	13.00	13.000	13.000	13.000
MAXIMUM :	119.0	10.8529	13.0186	505.75	71.400	41.580	21.760
MINIMUM :	19.0	0.5071	2.0900	37.40	15.010	6.160	2.660
RANGE :	100.0	10.3458	10.9286	468.35	56.390	35.420	19.100
ARITH. MEAN :	71.0	3.6237	5.2986	184.94	32.158	19.272	10.666
ARITH. STD. DEV :	29.1	2.9094	3.1543	123.77	16.969	11.119	6.072
GEOM. MEAN :	64.6	2.6591	4.5608	150.83	28.603	16.668	9.059
GEOM. STD. DEV. :	1.6	2.3810	1.7664	1.99	1.643	1.749	1.858
1ST QUARTILE :	48.5	1.5331	2.7692	102.85	17.600	11.490	5.880
2ND QUARTILE :	67.0	2.9486	4.4714	146.52	28.955	13.100	8.430
3RD QUARTILE :	77.0	5.2550	6.9804	222.10	33.300	23.175	12.750

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLDWATER/CUMULATIVE/PRECIP. #12

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	13.000	13.000	13.000	13.000	13.000	13.0000	12.0000
MAXIMUM :	79.730	5.700	12.000	9.860	66.640	4.2000	0.6600
MINIMUM :	10.120	0.660	0.110	0.665	5.984	0.0960	0.0540
RANGE :	69.610	5.040	11.890	9.195	60.656	4.1040	0.6060
ARITH. MEAN :	33.449	2.880	3.772	3.883	25.546	1.1117	0.2121
ARITH. STD. DEV :	22.189	1.386	3.647	2.982	18.178	1.0529	0.1635
GEOM. MEAN :	27.251	2.492	2.187	2.920	20.070	0.7916	0.1710
GEOM. STD. DEV. :	1.958	1.850	3.531	2.258	2.107	2.4507	1.9577
1ST QUARTILE :	15.930	1.490	1.155	1.665	11.773	0.5710	0.1320
2ND QUARTILE :	23.040	3.115	2.087	2.912	19.149	0.6535	0.1570
3RD QUARTILE :	47.600	3.547	4.900	4.520	33.700	1.2765	0.2470

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLDWATER/CUMULATIVE/PRECIP. #12

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	12.000	12.0000	12.0000	12.000	12.000	12.0000
MAXIMUM :	0.0660	0.917	5.5968	0.9520	0.132	8.712	2.7479
MINIMUM :	0.0190	0.140	0.8653	0.1360	0.019	0.240	0.0223
RANGE :	0.0470	0.777	4.7315	0.8160	0.113	8.472	2.7255
ARITH. MEAN :	0.0402	0.364	2.5272	0.4022	0.079	2.252	0.3078
ARITH. STD. DEV :	0.0154	0.230	1.4618	0.2792	0.034	2.206	0.7699
GEOM. MEAN :	0.0374	0.313	2.1574	0.3225	0.071	1.590	0.0997
GEOM. STD. DEV. :	1.4876	1.738	1.8206	2.0052	1.703	2.460	3.2831
1ST QUARTILE :	0.0285	0.223	1.1581	0.1700	0.057	0.994	0.0540
2ND QUARTILE :	0.0355	0.273	2.4043	0.2980	0.071	1.939	0.0780
3RD QUARTILE :	0.0555	0.423	3.2564	0.6210	0.111	2.673	0.1406

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : COLDWATER/CUMULATIVE/PRECIP. #12

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	CADMIUM MG/M**2
# OF SAMPLES :	12.00000
MAXIMUM :	0.01320
MINIMUM :	0.00190
RANGE :	0.01130
ARITH. MEAN :	0.00476
ARITH. STD. DEV :	0.00294
GEOM. MEAN :	0.00420
GEOM. STD. DEV. :	1.63763
1ST QUARTILE :	0.00330
2ND QUARTILE :	0.00385
3RD QUARTILE :	0.00555

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DALHOUSIE MILLS/CUMULATIVE/PRECIP. #16

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	13.0000	13.0000	13.00	13.000	13.000	12.000
MAXIMUM :	138.0	14.9812	15.0178	684.25	72.590	52.390	26.691
MINIMUM :	22.1	1.0749	1.5934	48.62	13.020	8.619	4.480
RANGE :	115.9	13.9064	13.4244	635.63	59.570	43.771	22.211
ARITH. MEAN :	63.7	4.5596	5.7261	231.23	34.684	28.195	12.424
ARITH. STD. DEV :	33.1	3.7616	3.5656	170.66	15.895	13.906	7.020
GEOM. MEAN :	56.7	3.4738	4.8465	181.07	31.612	24.674	10.782
GEOM. STD. DEV. :	1.7	2.1683	1.8409	2.13	1.572	1.764	1.745
1ST QUARTILE :	41.5	1.8473	3.1267	110.83	24.328	15.272	7.365
2ND QUARTILE :	52.1	3.4804	5.3869	175.32	30.564	26.204	10.381
3RD QUARTILE :	70.6	4.5717	5.9207	250.78	38.665	33.975	17.392

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DALHOUSIE MILLS/CUMULATIVE/PRECIP. #16

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	13.000	13.000	12.000	12.000	13.000	12.0000	11.0000
MAXIMUM :	108.290	7.420	7.950	14.718	80.920	2.4990	0.4240
MINIMUM :	1.768	0.960	0.767	1.520	8.619	0.3040	0.1280
RANGE :	106.522	6.460	7.183	13.198	72.301	2.1950	0.2960
ARITH. MEAN :	37.832	3.003	3.772	5.874	28.675	0.9092	0.2833
ARITH. STD. DEV :	26.534	1.781	2.404	4.725	19.331	0.6642	0.0978
GEOM. MEAN :	28.246	2.547	3.057	4.333	23.816	0.7435	0.2658
GEOM. STD. DEV. :	2.644	1.852	2.036	2.295	1.886	1.8915	1.4807
1ST QUARTILE :	21.798	1.552	1.886	1.990	15.054	0.4860	0.1736
2ND QUARTILE :	30.844	2.786	2.990	4.442	21.491	0.6309	0.2900
3RD QUARTILE :	42.892	3.286	5.527	7.884	35.558	1.1665	0.3490

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DALHOUSIE MILLS/CUMULATIVE/PRECIP. #16

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	11.0000	11.000	11.0000	11.0000	11.000	11.000	11.0000
MAXIMUM :	0.1302	1.103	6.5331	1.4280	0.138	4.425	0.4064
MINIMUM :	0.0155	0.079	1.0363	0.2790	0.031	0.804	0.0395
RANGE :	0.1147	1.024	5.4968	1.1490	0.107	3.621	0.3668
ARITH. MEAN :	0.0510	0.561	3.1859	0.6448	0.076	2.236	0.1438
ARITH. STD. DEV :	0.0325	0.286	1.8106	0.3290	0.034	1.423	0.1027
GEOM. MEAN :	0.0433	0.477	2.7302	0.5798	0.070	1.840	0.1179
GEOM. STD. DEV. :	1.8193	1.992	1.8113	1.6135	1.558	1.934	1.9256
1ST QUARTILE :	0.0260	0.397	1.6150	0.3798	0.051	0.996	0.0650
2ND QUARTILE :	0.0380	0.474	2.5413	0.5310	0.065	1.255	0.1029
3RD QUARTILE :	0.0642	0.620	4.2832	0.7417	0.096	3.777	0.1774

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DALHOUSIE MILLS/CUMULATIVE/PRECIP. #16

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	CADMIUM MG/M**2
# OF SAMPLES :	11.00000
MAXIMUM :	0.02760
MINIMUM :	0.00256
RANGE :	0.02504
ARITH. MEAN :	0.00895
ARITH. STD. DEV :	0.00763
GEOM. MEAN :	0.00680
GEOM. STD. DEV. :	2.11654
1ST QUARTILE :	0.00353
2ND QUARTILE :	0.00562
3RD QUARTILE :	0.01219

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORION/CUMULATIVE/PRECIP. #31

PERIOD OF REPORT : JAN 5, 82 TO NOV 9,82

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	11.0	11.0000	9.0000	10.00	11.000	11.000	11.000
MAXIMUM :	171.9	6.6877	12.2049	397.09	41.600	43.319	6.391
MINIMUM :	9.7	0.3332	1.4996	29.85	6.208	1.990	0.000
RANGE :	162.2	6.3545	10.7053	367.24	35.392	41.329	6.391
ARITH. MEAN :	65.2	1.9805	3.6823	120.76	17.063	12.690	3.354
ARITH. STD. DEV :	41.8	1.8678	3.3115	123.51	10.700	12.709	2.240
GEOM. MEAN :	53.8	1.4308	2.9623	80.32	14.528	8.317	2.770
GEOM. STD. DEV. :	2.0	2.2925	1.8632	2.53	1.797	2.640	1.944
1ST QUARTILE :	40.9	0.8159	1.9403	29.98	8.485	3.347	1.162
2ND QUARTILE :	53.2	1.1881	2.4866	72.17	11.748	6.578	3.120
3RD QUARTILE :	72.3	2.1229	3.1059	122.41	21.490	18.072	5.034

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORION/CUMULATIVE/PRECIP. #31

PERIOD OF REPORT : JAN 5, 82 TO NOV 9,82

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	10.000	11.000	11.000	11.000	10.000	10.0000	10.0000
MAXIMUM :	77.952	4.524	5.568	5.845	55.180	5.2896	0.4469
MINIMUM :	3.184	0.375	0.242	0.679	0.040	0.0796	0.0375
RANGE :	74.768	4.149	5.325	5.166	55.140	5.2100	0.4094
ARITH. MEAN :	34.576	1.829	2.432	2.753	20.602	0.9083	0.1796
ARITH. STD. DEV :	23.127	1.416	1.780	1.795	18.596	1.5539	0.1456
GEOM. MEAN :	26.282	1.348	1.682	2.211	9.388	0.4620	0.1327
GEOM. STD. DEV. :	2.470	2.344	2.803	2.057	7.903	2.9668	2.3114
1ST QUARTILE :	18.500	0.580	0.607	1.137	6.207	0.2430	0.0639
2ND QUARTILE :	27.910	1.107	2.016	2.040	14.847	0.4550	0.1306
3RD QUARTILE :	42.542	2.892	3.839	4.206	23.647	0.6314	0.2122

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORION/CUMULATIVE/PRECIP. #31

PERIOD OF REPORT : JAN 5, 82 TO NOV 9,82

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	9.0000	10.000	9.0000	9.0000	10.000	9.000	10.0000
MAXIMUM :	0.0859	0.445	6.2228	1.1345	0.172	6.721	1.7432
MINIMUM :	0.0199	0.108	0.3864	0.0199	0.040	0.193	0.0386
RANGE :	0.0660	0.337	5.8364	1.1146	0.132	6.528	1.7046
ARITH. MEAN :	0.0462	0.263	2.0185	0.2136	0.084	1.921	0.2710
ARITH. STD. DEV :	0.0218	0.115	1.9081	0.3533	0.046	2.083	0.5221
GEOM. MEAN :	0.0417	0.239	1.4065	0.0966	0.073	1.101	0.1188
GEOM. STD. DEV. :	1.6217	1.600	2.4475	3.4954	1.700	3.286	3.0954
1ST QUARTILE :	0.0273	0.156	0.7118	0.0340	0.044	0.399	0.0466
2ND QUARTILE :	0.0397	0.248	1.0782	0.0821	0.068	0.904	0.0925
3RD QUARTILE :	0.0530	0.310	2.1383	0.1420	0.106	2.294	0.1553

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORION/CUMULATIVE/PRECIP. #31

PERIOD OF REPORT : JAN 5, 82 TO NOV 9,82

	CADMIUM MG/M**2
# OF SAMPLES :	10.00000
MAXIMUM :	0.00920
MINIMUM :	0.00242
RANGE :	0.00678
ARITH. MEAN :	0.00609
ARITH. STD. DEV :	0.00248
GEOM. MEAN :	0.00556
GEOM. STD. DEV. :	1.60741
1ST QUARTILE :	0.00340
2ND QUARTILE :	0.00638
3RD QUARTILE :	0.00818

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORSET/CUMULATIVE/PRECIP. #20

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83 PAGE : 1

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	13.0000	12.0000	13.00	13.000	13.000	13.000
MAXIMUM :	155.0	14.1000	15.5946	564.00	63.450	42.000	24.800
MINIMUM :	22.0	1.2372	1.9140	51.30	11.880	6.600	0.000
RANGE :	133.0	12.8629	13.6806	512.70	51.570	35.400	24.800
ARITH. MEAN :	79.4	5.3094	6.8971	222.74	36.796	14.326	9.052
ARITH. STD. DEV :	39.1	3.3846	3.8528	149.12	16.708	11.573	6.291
GEOM. MEAN :	70.1	4.4768	6.0076	175.92	33.213	11.467	6.730
GEOM. STD. DEV. :	1.7	1.8521	1.7477	2.13	1.626	1.895	2.211
1ST QUARTILE :	50.0	2.9261	4.4736	90.45	24.240	7.090	5.360
2ND QUARTILE :	69.0	4.5101	5.7182	187.65	30.710	8.460	8.580
3RD QUARTILE :	91.0	5.1332	8.6181	283.70	47.280	11.530	10.510

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORSET/CUMULATIVE/PRECIP. #20

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	13.000	13.000	13.000	13.000	13.000	13.0000	12.0000
MAXIMUM :	56.400	5.580	3.960	10.075	48.400	1.5000	0.3600
MINIMUM :	4.860	0.270	0.387	0.277	3.564	0.0555	0.0230
RANGE :	51.540	5.310	3.572	9.797	44.836	1.4445	0.3370
ARITH. MEAN :	29.688	2.032	1.413	3.306	24.948	0.4648	0.1298
ARITH. STD. DEV :	15.568	1.560	1.019	2.975	14.917	0.5145	0.0974
GEOM. MEAN :	24.736	1.511	1.138	2.041	19.850	0.2632	0.1014
GEOM. STD. DEV. :	2.032	2.340	1.976	3.140	2.195	3.0840	2.1303
1ST QUARTILE :	20.115	0.902	0.622	0.777	12.915	0.1000	0.0702
2ND QUARTILE :	23.180	1.405	1.001	2.140	19.919	0.2152	0.1010
3RD QUARTILE :	41.430	2.415	1.640	4.342	34.395	0.4090	0.1635

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORSET/CUMULATIVE/PRECIP. #20

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83 PAGE : 3

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	12.000	12.0000	12.0000	12.000	12.000	12.0000
MAXIMUM :	0.0775	0.500	4.7844	1.0850	0.155	3.989	1.1200
MINIMUM :	0.0110	0.116	0.6223	0.0110	0.022	0.291	0.0363
RANGE :	0.0665	0.384	4.1621	1.0740	0.133	3.698	1.0836
ARITH. MEAN :	0.0399	0.277	1.8309	0.4412	0.080	1.249	0.1510
ARITH. STD. DEV :	0.0204	0.115	1.1892	0.3840	0.041	0.989	0.3058
GEOM. MEAN :	0.0348	0.256	1.5587	0.2495	0.070	1.004	0.0761
GEOM. STD. DEV. :	1.7667	1.530	1.7832	3.9434	1.767	1.953	2.4852
1ST QUARTILE :	0.0250	0.190	1.1326	0.1440	0.050	0.682	0.0457
2ND QUARTILE :	0.0370	0.270	1.5630	0.3000	0.074	0.902	0.0619
3RD QUARTILE :	0.0512	0.332	1.9745	0.8285	0.102	1.551	0.0862

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : DORSET/CUMULATIVE/PRECIP. #20

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	12.00000
MAXIMUM :	0.01890
MINIMUM :	0.00110
RANGE :	0.01780
ARITH. MEAN :	0.00564
ARITH. STD. DEV :	0.00455
GEOM. MEAN :	0.00454
GEOM. STD. DEV. :	1.96774
1ST QUARTILE :	0.00335
2ND QUARTILE :	0.00450
3RD QUARTILE :	0.00630

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EAR FALL'S/CUMULATIVE/PRECIP. #35

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	10.0000	10.0000	13.00	13.000	7.000	13.000
MAXIMUM :	130.0	0.7484	5.7720	182.00	22.100	39.000	10.400
MINIMUM :	4.5	0.0822	0.3629	6.75	2.160	1.200	0.000
RANGE :	125.5	0.6662	5.4091	175.25	19.940	37.800	10.400
ARITH. MEAN :	47.8	0.3533	1.8696	57.64	9.748	11.813	3.822
ARITH. STD. DEV :	36.7	0.2347	1.5361	47.72	5.878	12.713	2.723
GEOM. MEAN :	32.9	0.2766	1.4469	41.17	7.990	7.518	3.142
GEOM. STD. DEV. :	2.7	2.2063	2.1428	2.50	2.018	2.927	1.877
1ST QUARTILE :	15.4	0.1150	0.9049	18.36	4.488	2.912	1.650
2ND QUARTILE :	33.3	0.3329	1.4619	48.25	8.497	6.482	3.634
3RD QUARTILE :	70.0	0.4363	1.9060	62.74	11.886	12.450	4.200

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EAR FALL'S/CUMULATIVE/PRECIP. #35

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	8.000	7.000	7.000	7.000	9.000	8.0000	6.0000
MAXIMUM :	62.400	4.550	16.800	11.700	42.380	4.4800	1.7600
MINIMUM :	6.966	0.360	0.180	0.900	0.540	0.3668	0.0786
RANGE :	55.434	4.190	16.620	10.800	41.840	4.1132	1.6814
ARITH. MEAN :	28.182	1.966	6.119	3.570	14.517	1.4383	0.4384
ARITH. STD. DEV :	20.142	1.693	6.357	3.782	13.126	1.4531	0.6575
GEOM. MEAN :	21.748	1.286	2.837	2.498	8.583	0.9635	0.2192
GEOM. STD. DEV. :	2.246	2.898	5.014	2.356	3.707	2.5309	3.2481
1ST QUARTILE :	12.719	0.384	0.483	1.080	3.913	0.4763	0.0801
2ND QUARTILE :	20.925	1.020	2.682	2.054	10.003	0.6536	0.1600
3RD QUARTILE :	44.400	3.200	9.850	3.512	17.280	2.2000	0.2850

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EAR FALL'S/CUMULATIVE/PRECIP. #35

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	6.0000	6.000	5.0000	6.0000	6.000	5.000	6.0000
MAXIMUM :	0.2600	1.432	6.1620	0.6500	0.130	9.087	0.3575
MINIMUM :	0.0136	0.100	0.8751	0.0350	0.026	0.804	0.0584
RANGE :	0.2464	1.332	5.2869	0.6150	0.104	8.283	0.2990
ARITH. MEAN :	0.0675	0.443	2.9330	0.1898	0.066	2.977	0.1579
ARITH. STD. DEV :	0.0947	0.497	1.9862	0.2370	0.039	3.476	0.1128
GEOM. MEAN :	0.0397	0.300	2.4247	0.1110	0.056	1.944	0.1308
GEOM. STD. DEV. :	2.7038	2.477	2.0383	2.9403	1.879	2.612	1.9261
1ST QUARTILE :	0.0199	0.140	1.3855	0.0437	0.027	0.921	0.0762
2ND QUARTILE :	0.0325	0.253	2.3160	0.0808	0.065	1.255	0.1065
3RD QUARTILE :	0.0375	0.349	2.8660	0.1608	0.075	1.978	0.1672

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EAR FALL'S/CUMULATIVE/PRECIP. #35

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

		CADMIUM MG/M**2
# OF SAMPLES	:	6.00000
MAXIMUM	:	0.00800
MINIMUM	:	0.00136
RANGE	:	0.00664
ARITH. MEAN	:	0.00504
ARITH. STD. DEV	:	0.00279
GEOM. MEAN	:	0.00424
GEOM. STD. DEV.	:	2.00395
1ST QUARTILE	:	0.00218
2ND QUARTILE	:	0.00500
3RD QUARTILE	:	0.00718

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EXP. LAKES AREA/CUMULATIVE/PRECIP. #34

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	11.0000	10.0000	10.00	10.000	10.000	10.000
MAXIMUM :	147.2	2.1738	5.7702	169.28	32.000	35.328	7.360
MINIMUM :	10.4	0.2781	0.7792	25.76	4.186	2.772	1.449
RANGE :	136.8	1.8956	4.9910	143.52	27.814	32.556	5.911
ARITH. MEAN :	48.8	0.7883	2.2120	89.73	15.181	15.552	3.794
ARITH. STD. DEV :	42.6	0.5864	1.5357	52.95	8.171	10.855	1.869
GEOM. MEAN :	36.2	0.6446	1.8739	75.44	13.200	11.775	3.397
GEOM. STD. DEV. :	2.2	1.8829	1.7751	1.90	1.788	2.359	1.655
1ST QUARTILE :	19.6	0.3960	1.4061	43.86	8.757	5.822	2.136
2ND QUARTILE :	31.0	0.4906	1.5805	75.37	14.039	13.015	3.497
3RD QUARTILE :	51.8	0.9628	1.9878	120.01	18.254	20.995	4.140

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EXP. LAKES AREA/CUMULATIVE/PRECIP. #34

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	9.000	10.000	10.000	10.000	11.000	9.0000	10.0000
MAXIMUM :	51.200	5.120	7.360	8.096	36.506	2.8200	0.5888
MINIMUM :	7.406	0.000	0.322	0.725	4.637	0.0757	0.0483
RANGE :	43.794	5.120	7.038	7.371	31.869	2.7442	0.5405
ARITH. MEAN :	32.062	2.172	3.138	2.397	21.066	0.7828	0.3047
ARITH. STD. DEV :	15.782	1.825	2.531	2.200	9.923	0.8433	0.1581
GEOM. MEAN :	27.431	1.647	2.144	1.828	18.382	0.4987	0.2568
GEOM. STD. DEV. :	1.929	2.449	2.734	2.077	1.830	2.8268	2.0196
1ST QUARTILE :	16.073	0.469	1.031	0.984	12.236	0.2772	0.1875
2ND QUARTILE :	33.270	1.615	2.105	1.596	18.153	0.4501	0.2695
3RD QUARTILE :	40.607	3.340	4.820	2.500	28.944	0.7073	0.4020

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EXP. LAKES AREA/CUMULATIVE/PRECIP. #34

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	10.0000	10.000	10.0000	10.0000	10.000	10.000	10.0000
MAXIMUM :	0.0822	0.641	10.8634	0.7360	0.147	12.983	0.1308
MINIMUM :	0.0080	0.089	0.3633	0.0161	0.016	0.353	0.0207
RANGE :	0.0741	0.553	10.5001	0.7199	0.131	12.630	0.1101
ARITH. MEAN :	0.0379	0.287	3.2407	0.1516	0.062	3.023	0.0864
ARITH. STD. DEV :	0.0260	0.194	3.2916	0.2121	0.043	3.745	0.0369
GEOM. MEAN :	0.0299	0.229	1.9976	0.0891	0.050	1.759	0.0762
GEOM. STD. DEV. :	2.1309	2.058	2.9502	2.7480	2.016	3.015	1.8096
1ST QUARTILE :	0.0173	0.100	0.9047	0.0508	0.025	0.658	0.0458
2ND QUARTILE :	0.0282	0.237	1.5907	0.0778	0.052	1.780	0.0956
3RD QUARTILE :	0.0493	0.386	4.7118	0.1222	0.065	3.273	0.1111

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : EXP. LAKES AREA/CUMULATIVE/PRECIP. #34

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	CADMIUM MG/M**2
# OF SAMPLES :	10.00000
MAXIMUM :	0.01638
MINIMUM :	0.00161
RANGE :	0.01477
ARITH. MEAN :	0.00628
ARITH. STD. DEV :	0.00510
GEOM. MEAN :	0.00471
GEOM. STD. DEV. :	2.22090
1ST QUARTILE :	0.00241
2ND QUARTILE :	0.00470
3RD QUARTILE :	0.00714

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOLDEN LAKE/CUMULATIVE/PRECIP. #17

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	12.0000	13.0000	12.00	13.000	13.000	13.000
MAXIMUM :	124.7	11.3728	13.2681	505.03	69.832	21.264	12.470
MINIMUM :	15.0	0.5225	0.7020	12.48	4.350	3.328	1.650
RANGE :	109.7	10.8503	12.5661	492.55	65.482	17.936	10.820
ARITH. MEAN :	50.0	3.3854	4.1235	136.95	21.587	9.379	5.555
ARITH. STD. DEV :	29.5	3.1570	3.3632	138.83	17.569	5.009	3.465
GEOM. MEAN :	42.2	2.3306	3.1084	86.23	16.274	8.280	4.584
GEOM. STD. DEV. :	1.9	2.4940	2.2262	2.87	2.227	1.683	1.937
1ST QUARTILE :	22.9	1.2325	1.6494	37.35	8.854	5.660	2.369
2ND QUARTILE :	49.3	2.0985	2.9777	93.01	14.799	7.423	4.006
3RD QUARTILE :	57.9	4.8187	5.0352	213.60	25.693	10.560	7.734

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOLDEN LAKE/CUMULATIVE/PRECIP. #17

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	13.000	13.000	13.000	12.000	13.0000	13.0000
MAXIMUM :	76.067	4.364	6.000	5.456	62.350	2.6137	0.2658
MINIMUM :	4.576	0.416	0.506	0.300	2.829	0.0345	0.0208
RANGE :	71.491	3.948	5.494	5.156	59.521	2.5792	0.2450
ARITH. MEAN :	24.912	1.748	1.733	1.714	16.936	0.6271	0.1131
ARITH. STD. DEV :	21.410	1.137	1.668	1.531	15.833	0.6665	0.0823
GEOM. MEAN :	18.095	1.450	1.251	1.171	12.155	0.3691	0.0824
GEOM. STD. DEV. :	2.341	1.905	2.210	2.549	2.394	3.4076	2.4524
1ST QUARTILE :	10.597	0.941	0.713	0.535	8.009	0.1900	0.0307
2ND QUARTILE :	17.298	1.425	0.828	1.055	14.651	0.5175	0.1124
3RD QUARTILE :	32.915	1.834	1.720	2.210	19.785	0.5976	0.1365

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOLDEN LAKE/CUMULATIVE/PRECIP. #17

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	13.0000	13.000	13.0000	13.0000	13.000	13.000	13.0000
MAXIMUM :	0.0992	0.834	3.1312	0.9976	0.125	2.779	0.2813
MINIMUM :	0.0075	0.137	0.5184	0.0075	0.015	0.258	0.0268
RANGE :	0.0917	0.698	2.6128	0.9901	0.110	2.521	0.2546
ARITH. MEAN :	0.0307	0.313	1.5310	0.3126	0.050	0.934	0.0828
ARITH. STD. DEV :	0.0253	0.215	0.9045	0.2893	0.029	0.815	0.0697
GEOM. MEAN :	0.0235	0.265	1.2959	0.1853	0.042	0.706	0.0665
GEOM. STD. DEV. :	2.1475	1.770	1.8373	3.5954	1.681	2.103	1.8812
1ST QUARTILE :	0.0114	0.158	0.7980	0.1145	0.023	0.400	0.0461
2ND QUARTILE :	0.0249	0.246	1.0946	0.1777	0.049	0.507	0.0513
3RD QUARTILE :	0.0330	0.278	2.0196	0.4087	0.058	1.030	0.0728

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOLDEN LAKE/CUMULATIVE/PRECIP. #17

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	CADMIUM MG/M**2
# OF SAMPLES :	13.00000
MAXIMUM :	0.00980
MINIMUM :	0.00075
RANGE :	0.00905
ARITH. MEAN :	0.00437
ARITH. STD. DEV :	0.00287
GEOM. MEAN :	0.00341
GEOM. STD. DEV. :	2.21658
1ST QUARTILE :	0.00202
2ND QUARTILE :	0.00347
3RD QUARTILE :	0.00576

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOWGANDA/CUMULATIVE/PRECIP. #25

PERIOD OF REPORT : MAR 2, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	11.0	9.0000	9.0000	9.00	9.000	8.000	8.000
MAXIMUM :	113.9	8.0635	11.1166	307.53	34.170	10.251	11.390
MINIMUM :	10.0	0.3802	0.5580	17.50	2.500	2.421	0.000
RANGE :	103.9	7.6833	10.5586	290.03	31.670	7.830	11.390
ARITH. MEAN :	42.0	2.8376	3.7380	103.51	12.711	5.264	3.397
ARITH. STD. DEV :	30.5	2.2531	3.1308	85.91	9.616	2.789	3.611
GEOM. MEAN :	33.3	2.0802	2.7611	78.16	9.717	4.669	2.341
GEOM. STD. DEV. :	2.1	2.4963	2.3916	2.27	2.269	1.685	2.623
1ST QUARTILE :	17.4	1.2043	1.7199	45.11	4.800	3.060	1.040
2ND QUARTILE :	31.4	2.3459	2.8557	73.43	10.630	4.592	2.560
3RD QUARTILE :	50.8	3.2395	3.6560	118.12	14.332	7.069	4.295

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOWGANDA/CUMULATIVE/PRECIP. #25

PERIOD OF REPORT : MAR 2, 82 TO JAN 4,83 PAGE : 2

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	9.000	8.000	8.000	8.000	8.000	9.0000	6.0000
MAXIMUM :	45.560	2.278	4.556	7.973	24.375	0.7200	0.1440
MINIMUM :	5.800	0.000	0.000	0.260	3.861	0.1345	0.0375
RANGE :	39.760	2.278	4.556	7.713	20.514	0.5855	0.1065
ARITH. MEAN :	17.496	1.138	2.197	2.187	9.885	0.3735	0.0910
ARITH. STD. DEV :	11.893	0.754	1.452	2.566	6.757	0.2217	0.0403
GEOM. MEAN :	14.751	1.122	2.012	1.270	8.246	0.3109	0.0822
GEOM. STD. DEV. :	1.832	1.731	1.693	3.094	1.886	1.9468	1.6902
1ST QUARTILE :	9.745	0.573	1.078	0.607	5.052	0.1604	0.0435
2ND QUARTILE :	12.465	1.200	2.381	1.148	8.334	0.3087	0.1006
3RD QUARTILE :	19.964	1.639	3.050	2.876	12.037	0.4725	0.1089

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOWGANDA/CUMULATIVE/PRECIP. #25

PERIOD OF REPORT : MAR 2, 82 TO JAN 4,83 PAGE : 3

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	6.0000	6.000	6.0000	6.0000	6.000	6.000	6.0000
MAXIMUM :	0.0720	0.966	3.0411	0.9112	0.114	2.153	0.1686
MINIMUM :	0.0243	0.102	0.5796	0.0260	0.036	0.353	0.0401
RANGE :	0.0477	0.863	2.4615	0.8852	0.078	1.800	0.1285
ARITH. MEAN :	0.0402	0.314	1.2041	0.2352	0.062	0.882	0.0801
ARITH. STD. DEV :	0.0200	0.324	0.9318	0.3381	0.028	0.711	0.0480
GEOM. MEAN :	0.0366	0.233	1.0031	0.1150	0.058	0.698	0.0707
GEOM. STD. DEV. :	1.5956	2.143	1.8445	3.5914	1.498	2.056	1.6893
1ST QUARTILE :	0.0245	0.133	0.5940	0.0317	0.042	0.378	0.0447
2ND QUARTILE :	0.0317	0.202	0.8788	0.1102	0.051	0.549	0.0613
3RD QUARTILE :	0.0472	0.237	1.0926	0.1687	0.063	0.964	0.0824

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GOWGANDA/CUMULATIVE/PRECIP. #25

PERIOD OF REPORT : MAR 2, 82 TO JAN 4,83

		CADMIUM MG/M**2
# OF SAMPLES	:	6.00000
MAXIMUM	:	0.01440
MINIMUM	:	0.00243
RANGE	:	0.01197
ARITH. MEAN	:	0.00741
ARITH. STD. DEV	:	0.00514
GEOM. MEAN	:	0.00581
GEOM. STD. DEV.	:	2.21414
1ST QUARTILE	:	0.00251
2ND QUARTILE	:	0.00682
3RD QUARTILE	:	0.01064

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HURON PARK/CUMULATIVE/PRECIP. #06

PERIOD OF REPORT : FEB 2, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	12.0	10.0000	10.0000	12.00	11.000	10.000	12.000
MAXIMUM :	131.8	9.1183	12.3365	672.18	109.394	98.406	41.055
MINIMUM :	31.8	0.2304	1.7490	124.00	21.600	32.800	3.860
RANGE :	100.0	8.8880	10.5875	548.18	87.794	65.606	37.195
ARITH. MEAN :	73.7	4.6006	6.5471	343.94	49.948	56.615	17.690
ARITH. STD. DEV :	29.7	2.9124	3.3309	155.58	26.782	20.143	10.218
GEOM. MEAN :	68.3	3.1613	5.6195	312.28	44.590	53.829	15.126
GEOM. STD. DEV. :	1.5	3.1537	1.8793	1.60	1.626	1.386	1.845
1ST QUARTILE :	49.0	1.2547	2.8706	234.53	29.714	43.813	11.272
2ND QUARTILE :	73.2	5.2528	6.9109	306.21	39.501	49.695	15.641
3RD QUARTILE :	88.3	6.1939	8.5442	443.91	58.010	57.638	20.602

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HURON PARK/CUMULATIVE/PRECIP. #06

PERIOD OF REPORT : FEB 2, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	11.000	11.000	12.000	12.000	11.0000	10.0000
MAXIMUM :	135.754	22.496	10.896	24.560	113.348	4.5474	0.6590
MINIMUM :	18.400	5.537	0.965	1.141	13.760	0.5600	0.0800
RANGE :	117.354	16.959	9.931	23.418	99.588	3.9874	0.5790
ARITH. MEAN :	60.374	10.499	4.327	7.351	48.623	1.3978	0.3237
ARITH. STD. DEV :	30.399	5.235	3.243	6.934	25.116	1.1907	0.1796
GEOM. MEAN :	53.664	9.551	3.335	5.018	43.105	1.1029	0.2796
GEOM. STD. DEV. :	1.689	1.550	2.159	2.511	1.700	1.9580	1.8177
1ST QUARTILE :	42.940	6.536	1.751	2.553	35.460	0.6328	0.2106
2ND QUARTILE :	58.978	8.240	2.624	4.302	46.102	0.8250	0.2738
3RD QUARTILE :	74.343	12.615	5.851	10.229	57.385	1.7505	0.3514

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HURON PARK/CUMULATIVE/PRECIP. #06

PERIOD OF REPORT : FEB 2, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	10.0000	10.000	10.0000	10.0000	10.000	10.000	10.0000
MAXIMUM :	0.0965	1.301	10.4029	1.1500	0.132	5.816	0.0880
MINIMUM :	0.0222	0.353	1.0704	0.1332	0.044	0.910	0.0579
RANGE :	0.0743	0.947	9.3325	1.0168	0.087	4.906	0.0301
ARITH. MEAN :	0.0444	0.765	4.3746	0.6302	0.079	3.126	0.0716
ARITH. STD. DEV :	0.0231	0.364	2.6389	0.3213	0.029	1.464	0.0110
GEOM. MEAN :	0.0399	0.689	3.7059	0.5457	0.075	2.783	0.0709
GEOM. STD. DEV. :	1.6029	1.633	1.8776	1.8549	1.444	1.717	1.1675
1ST QUARTILE :	0.0245	0.435	2.5025	0.4373	0.049	1.890	0.0592
2ND QUARTILE :	0.0388	0.615	3.8258	0.5397	0.078	2.926	0.0722
3RD QUARTILE :	0.0487	1.052	5.5196	0.7637	0.088	3.878	0.0782

ONTARIO MINISTRY OF THE ENV*PONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : HURON PARK/CUMULATIVE/PRECIP. #06

PERIOD OF REPORT : FEB 2, 82 TO JAN 4,83 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	10.00000
MAXIMUM :	0.01318
MINIMUM :	0.00242
RANGE :	0.01076
ARITH. MEAN :	0.00522
ARITH. STD. DEV :	0.00319
GEOM. MEAN :	0.00459
GEOM. STD. DEV. :	1.66219
1ST QUARTILE :	0.00300
2ND QUARTILE :	0.00422
3RD QUARTILE :	0.00529

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KALADAR/CUMULATIVE/PRECIP. #14

PERIOD OF REPORT : JAN 5, 82 TO NOV 9,82

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	11.0	11.0000	9.0000	11.00	11.000	11.000	10.000
MAXIMUM :	106.9	12.2738	13.6618	587.40	71.623	32.930	21.658
MINIMUM :	13.0	0.6515	0.9802	25.19	5.720	4.122	1.820
RANGE :	93.9	11.6222	12.6816	562.21	65.903	28.808	19.838
ARITH. MEAN :	60.7	5.6028	6.6243	239.40	34.066	14.715	10.122
ARITH. STD. DEV :	30.3	4.2479	4.2696	182.53	22.603	8.647	6.544
GEOM. MEAN :	51.0	3.9026	5.1643	165.85	26.257	12.203	8.079
GEOM. STD. DEV. :	2.0	2.7084	2.3074	2.76	2.284	1.981	2.133
1ST QUARTILE :	30.3	1.2898	3.4116	50.59	12.262	5.410	4.875
2ND QUARTILE :	57.1	3.8697	5.3561	211.78	28.130	13.952	7.705
3RD QUARTILE :	83.0	8.7629	7.7546	314.71	53.630	19.123	14.353

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KALADAR/CUMULATIVE/PRECIP. 81

PERIOD OF REPORT : JAN 5, 82 TO NOV 9,82

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	10.000	11.000	11.000	10.000	11.000	10.0000	10.0000
MAXIMUM :	65.209	4.450	5.785	17.836	52.381	2.2512	0.5345
MINIMUM :	8.840	0.337	0.337	0.337	4.214	0.0740	0.0520
RANGE :	56.369	4.112	5.447	17.498	48.167	2.1772	0.4825
ARITH. MEAN :	32.719	2.041	2.212	4.567	23.522	0.8631	0.2005
ARITH. STD. DEV :	19.306	1.439	1.578	5.466	15.401	0.8252	0.1623
GEOM. MEAN :	27.101	1.532	1.719	2.307	18.278	0.5158	0.1543
GEOM. STD. DEV. :	1.993	2.353	2.231	3.730	2.254	3.1871	2.1158
1ST QUARTILE :	15.449	0.636	0.983	0.701	6.997	0.2059	0.0829
2ND QUARTILE :	28.597	1.659	1.706	2.456	19.265	0.4976	0.1600
3RD QUARTILE :	41.545	3.027	2.391	5.552	33.325	1.1828	0.1967

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KALADAR/CUMULATIVE/PRECIP. #14

PERIOD OF REPORT : JAN 5, 82 TO NOV 9,82 PAGE : 1

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	10.0000	10.000	10.0000	10.0000	10.000	10.000	10.0000
MAXIMUM :	0.1069	0.760	11.9621	1.2828	0.107	11.641	0.3604
MINIMUM :	0.0065	0.161	0.4463	0.0650	0.013	0.446	0.0272
RANGE :	0.1004	0.600	11.5158	1.2178	0.094	11.195	0.3331
ARITH. MEAN :	0.0364	0.366	3.0562	0.5071	0.062	2.540	0.1347
ARITH. STD. DEV :	0.0283	0.201	3.4193	0.3659	0.031	3.315	0.1135
GEOM. MEAN :	0.0276	0.323	2.0153	0.3869	0.052	1.578	0.0985
GEOM. STD. DEV. :	2.3175	1.676	2.5466	2.3340	2.094	2.593	2.3257
1ST QUARTILE :	0.0154	0.216	1.0003	0.2208	0.031	0.652	0.0457
2ND QUARTILE :	0.0328	0.278	2.0563	0.4386	0.066	1.671	0.1012
3RD QUARTILE :	0.0415	0.451	2.6661	0.5855	0.083	2.316	0.1485

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KALADAR/CUMULATIVE/PRECIP. #14

PERIOD OF REPORT : JAN 5, 82 TO NOV 9,82

		CADMIUM MG/M**2
# OF SAMPLES	:	10.00000
MAXIMUM	:	0.00925
MINIMUM	:	0.00065
RANGE	:	0.00860
ARITH. MEAN	:	0.00439
ARITH. STD. DEV	:	0.00277
GEOM. MEAN	:	0.00354
GEOM. STD. DEV.	:	2.13372
1ST QUARTILE	:	0.00244
2ND QUARTILE	:	0.00361
3RD QUARTILE	:	0.00489

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KILLARNEY/CUMULATIVE/PRECIP. #23

PERIOD OF REPORT : JAN 5, 82 TO JAN 5,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	13.0000	11.0000	12.00	11.000	12.000	13.000
MAXIMUM :	149.0	11.8709	13.6752	475.20	84.480	34.320	16.720
MINIMUM :	23.0	1.8695	2.2080	55.20	13.760	3.520	0.000
RANGE :	126.0	10.0014	11.4672	420.00	70.720	30.800	16.720
ARITH. MEAN :	58.1	4.9658	5.9651	192.03	33.425	14.115	8.412
ARITH. STD. DEV :	36.9	2.9094	3.2105	116.70	21.033	8.350	5.515
GEOM. MEAN :	49.5	4.2314	5.3006	162.66	28.734	12.079	6.557
GEOM. STD. DEV. :	1.8	1.8177	1.6582	1.85	1.750	1.822	1.689
1ST QUARTILE :	31.0	2.1992	3.5408	111.50	15.990	10.370	3.710
2ND QUARTILE :	44.1	4.4298	5.1201	168.08	24.620	11.323	6.784
3RD QUARTILE :	65.6	6.3385	6.7888	251.97	40.149	17.645	11.280

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KILLARNEY/CUMULATIVE/PRECIP. #23

PERIOD OF REPORT : JAN 5, 82 TO JAN 5,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	11.000	12.000	10.000	12.000	11.000	11.0000	11.0000
MAXIMUM :	44.700	4.400	4.840	9.840	59.840	1.5000	0.3520
MINIMUM :	11.900	0.960	0.255	0.000	7.708	0.1120	0.0640
RANGE :	32.800	3.440	4.585	9.840	52.132	1.3880	0.2880
ARITH. MEAN :	26.400	2.335	2.244	2.835	25.295	0.4464	0.1673
ARITH. STD. DEV :	10.394	1.124	1.388	3.057	13.825	0.4153	0.0789
GEOM. MEAN :	24.465	2.092	1.709	1.806	22.261	0.3150	0.1519
GEOM. STD. DEV. :	1.521	1.645	2.494	2.797	1.716	2.3889	1.5927
1ST QUARTILE :	15.815	1.342	1.136	0.660	14.820	0.1225	0.0990
2ND QUARTILE :	25.727	2.099	1.907	1.665	22.160	0.2705	0.1498
3RD QUARTILE :	33.366	3.314	2.866	4.122	30.060	0.6205	0.1883

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KILLARNEY/CUMULATIVE/PRECIP. #23

PERIOD OF REPORT : JAN 5, 82 TO JAN 5,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	11.0000	11.000	11.0000	11.0000	11.000	11.000	11.0000
MAXIMUM :	0.0745	0.769	4.8693	0.9680	0.149	4.692	3.2315
MINIMUM :	0.0115	0.140	0.4333	0.0115	0.023	0.238	0.0350
RANGE :	0.0630	0.629	4.4360	0.9565	0.126	4.454	3.1965
ARITH. MEAN :	0.0352	0.436	2.3552	0.5043	0.066	2.252	0.3687
ARITH. STD. DEV :	0.0192	0.188	1.5011	0.2983	0.037	1.486	0.9501
GEOM. MEAN :	0.0305	0.394	1.8899	0.3543	0.057	1.652	0.1054
GEOM. STD. DEV. :	1.7824	1.644	2.1083	3.4047	1.731	2.616	3.4005
1ST QUARTILE :	0.0165	0.258	0.9952	0.2765	0.033	0.671	0.0480
2ND QUARTILE :	0.0290	0.426	2.0843	0.3936	0.054	2.069	0.0799
3RD QUARTILE :	0.0478	0.548	3.0329	0.7216	0.082	3.008	0.1141

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : KILLARNEY/CUMULATIVE/PRECIP. #23

PERIOD OF REPORT : JAN 5, 82 TO JAN 5,83 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES :	11.00000
MAXIMUM :	0.01680
MINIMUM :	0.00115
RANGE :	0.01565
ARITH. MEAN :	0.00511
ARITH. STD. DEV :	0.00446
GEOM. MEAN :	0.00382
GEOM. STD. DEV. :	2.21207
1ST QUARTILE :	0.00165
2ND QUARTILE :	0.00370
3RD QUARTILE :	0.00631

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : LAC LA CROIX/CUMULATIVE/PRECIP. #33

PERIOD OF REPORT : MAR 2, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	11.0	7.0000	9.0000	9.00	9.000	8.000	8.000
MAXIMUM :	151.6	1.6452	3.2028	172.37	31.836	50.028	9.096
MINIMUM :	28.2	0.3167	0.9080	22.56	5.076	3.666	1.990
RANGE :	123.4	1.3285	2.2948	149.81	26.760	46.362	7.106
ARITH. MEAN :	69.8	0.8039	2.2563	82.58	15.187	13.986	5.212
ARITH. STD. DEV :	43.8	0.4562	0.9055	47.23	8.288	15.077	2.365
GEOM. MEAN :	58.4	0.7042	2.0773	70.30	13.345	10.026	4.693
GEOM. STD. DEV. :	1.8	1.7438	1.5667	1.88	1.728	2.221	1.671
1ST QUARTILE :	31.5	0.3773	1.5616	46.42	9.126	6.093	3.509
2ND QUARTILE :	49.6	0.6565	1.8026	69.62	13.488	8.763	5.068
3RD QUARTILE :	84.7	0.9572	3.1334	93.68	14.961	14.240	6.726

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : LAC LA CROIX/CUMULATIVE/PRECIP. #33

PERIOD OF REPORT : MAR 2, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	7.000	8.000	7.000	8.000	8.000	7.0000	8.0000
MAXIMUM :	62.156	8.338	9.096	5.306	42.751	3.0320	0.9096
MINIMUM :	10.788	0.705	1.128	1.128	7.030	0.1974	0.1128
RANGE :	51.368	7.633	7.968	4.178	35.722	2.8346	0.7968
ARITH. MEAN :	33.951	2.227	3.778	2.800	19.098	1.0365	0.2821
ARITH. STD. DEV :	19.193	2.519	3.289	1.561	11.978	0.9796	0.2639
GEOM. MEAN :	28.434	1.586	2.793	2.415	16.233	0.7331	0.2218
GEOM. STD. DEV. :	1.991	2.194	2.264	1.811	1.834	2.4560	1.9336
1ST QUARTILE :	11.457	0.833	1.260	1.418	10.036	0.3249	0.1548
2ND QUARTILE :	30.581	1.671	2.073	2.508	15.463	0.5214	0.1788
3RD QUARTILE :	45.712	1.882	5.340	4.058	26.002	1.2656	0.2836

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : LAC LA CROIX/CUMULATIVE/PRECIP. #33

PERIOD OF REPORT : MAR 2, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	8.0000	8.000	8.0000	8.0000	8.000	8.000	8.0000
MAXIMUM :	0.0758	0.920	11.9006	0.5264	0.152	8.960	0.2471
MINIMUM :	0.0141	0.127	1.5826	0.0471	0.028	0.494	0.0437
RANGE :	0.0617	0.793	10.3180	0.4793	0.123	8.465	0.2034
ARITH. MEAN :	0.0391	0.410	3.8216	0.1666	0.068	2.519	0.1088
ARITH. STD. DEV :	0.0214	0.299	3.6208	0.1603	0.044	2.802	0.0767
GEOM. MEAN :	0.0337	0.326	2.8521	0.1233	0.057	1.662	0.0895
GEOM. STD. DEV. :	1.8396	2.051	2.1340	2.1739	1.894	2.535	1.9091
1ST QUARTILE :	0.0186	0.182	1.6283	0.0727	0.031	0.878	0.0572
2ND QUARTILE :	0.0412	0.313	1.9012	0.1128	0.057	1.328	0.0669
3RD QUARTILE :	0.0517	0.619	5.0154	0.1941	0.092	3.141	0.1657

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : LAC LA CROIX/CUMULATIVE/PRECIP. #33

PERIOD OF REPORT : MAR 2, 82 TO JAN 4,83 PAGE : 4

		CADMIUM MG/M**2
# OF SAMPLES	:	8.00000
MAXIMUM	:	0.02256
MINIMUM	:	0.00141
RANGE	:	0.02115
ARITH. MEAN	:	0.00781
ARITH. STD. DEV	:	0.00678
GEOM. MEAN	:	0.00575
GEOM. STD. DEV.	:	2.34816
1ST QUARTILE	:	0.00365
2ND QUARTILE	:	0.00583
3RD QUARTILE	:	0.00976

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MATTAWA/CUMULATIVE/PRECIP. #22

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	12.0000	11.0000	11.00	11.000	13.000	11.000
MAXIMUM :	124.0	8.7838	8.9165	299.25	55.440	32.760	41.500
MINIMUM :	20.0	1.0024	1.7080	29.00	7.800	1.600	1.920
RANGE :	104.0	7.7814	7.2085	270.25	47.640	31.160	39.580
ARITH. MEAN :	68.3	4.0704	5.4610	153.36	26.983	12.486	11.267
ARITH. STD. DEV :	30.1	2.1607	2.4139	94.94	15.666	9.951	11.111
GEOM. MEAN :	60.7	3.5439	4.8698	123.80	23.037	8.862	7.885
GEOM. STD. DEV. :	1.7	1.7790	1.7155	2.09	1.828	2.518	2.418
1ST QUARTILE :	53.6	2.6803	2.6063	64.85	14.014	4.460	3.502
2ND QUARTILE :	63.2	3.4005	5.4134	131.36	22.250	8.030	7.960
3RD QUARTILE :	85.1	5.1557	6.9695	227.52	32.586	15.926	13.316

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MATTAWA/CUMULATIVE/PRECIP. #22

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83 PAGE : 2

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	10.000	13.000	13.000	13.000	11.000	12.0000	12.0000
MAXIMUM :	43.344	4.620	5.000	30.000	40.950	1.1000	0.5040
MINIMUM :	3.400	0.000	0.000	0.000	2.360	0.0400	0.0800
RANGE :	39.944	4.620	5.000	30.000	38.590	1.0600	0.4240
ARITH. MEAN :	21.702	1.827	2.091	5.728	17.643	0.5748	0.2151
ARITH. STD. DEV :	12.524	1.399	1.692	8.023	14.085	0.3449	0.1186
GEOM. MEAN :	17.851	1.440	1.818	3.272	12.513	0.4318	0.1911
GEOM. STD. DEV. :	2.087	2.350	1.879	2.681	2.520	2.6186	1.6427
1ST QUARTILE :	12.439	0.749	0.779	1.320	5.739	0.3486	0.1440
2ND QUARTILE :	18.940	1.337	1.594	2.318	10.489	0.5500	0.1720
3RD QUARTILE :	26.680	2.625	2.757	5.205	29.020	0.8513	0.2448

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MATTAWA/CUMULATIVE/PRECIP. #22

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	11.000	10.0000	12.0000	12.000	10.000	11.0000
MAXIMUM :	0.1902	0.545	7.2003	0.8400	0.124	6.728	0.2742
MINIMUM :	0.0100	0.136	1.0940	0.0800	0.020	0.817	0.0295
RANGE :	0.1802	0.409	6.1063	0.7600	0.104	5.911	0.2447
ARITH. MEAN :	0.0514	0.323	3.3616	0.3581	0.072	2.589	0.1408
ARITH. STD. DEV :	0.0463	0.134	2.1632	0.2188	0.028	1.933	0.0895
GEOM. MEAN :	0.0402	0.294	2.8230	0.3011	0.065	2.104	0.1149
GEOM. STD. DEV. :	2.0219	1.600	1.8495	1.8878	1.621	1.920	2.0166
1ST QUARTILE :	0.0305	0.160	1.8604	0.2240	0.058	1.311	0.0665
2ND QUARTILE :	0.0425	0.321	2.4933	0.2755	0.064	1.833	0.1046
3RD QUARTILE :	0.0544	0.396	4.1320	0.4893	0.090	2.590	0.2051

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MATTAWA/CUMULATIVE/PRECIP. 822

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	CADMIUM MG/M**2
# OF SAMPLES	12.00000
MAXIMUM	0.02288
MINIMUM	0.00100
RANGE	0.02188
ARITH. MEAN	0.00603
ARITH. STD. DEV	0.00605
GEOM. MEAN	0.00436
GEOM. STD. DEV.	2.24069
1ST QUARTILE	0.00306
2ND QUARTILE	0.00425
3RD QUARTILE	0.00568

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MCKELLAR/CUMULATIVE/PRECIP. 821

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83 PAGE : 1

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH0.5 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	12.0000	11.0000	10.00	12.000	10.000	10.000
MAXIMUM :	162.0	12.5752	14.0940	510.30	59.940	34.500	34.124
MINIMUM :	22.0	0.8278	1.6050	17.50	8.500	2.000	3.560
RANGE :	140.0	11.7474	12.4890	492.80	51.440	32.500	30.564
ARITH. MEAN :	71.8	5.3977	7.4396	237.41	39.544	15.487	15.907
ARITH. STD. DEV :	43.5	3.4520	3.9756	159.08	17.448	9.909	9.937
GEOM. MEAN :	59.4	4.2798	6.3561	161.07	34.591	11.958	13.040
GEOM. STD. DEV. :	1.9	2.1830	1.8841	3.14	1.836	2.367	2.016
1ST QUARTILE :	30.5	3.2323	4.0108	85.10	28.675	6.965	6.920
2ND QUARTILE :	60.5	4.4652	6.1251	229.64	42.905	14.500	14.325
3RD QUARTILE :	89.4	7.6444	10.2221	318.05	55.460	19.410	18.980

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MCKELLAR/CUMULATIVE/PRECIP. #21

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	9.000	10.000	11.000	10.000	11.000	8.0000	11.0000
MAXIMUM :	74.760	6.735	8.900	12.420	54.432	1.4368	0.5145
MINIMUM :	5.750	0.375	0.000	1.260	2.050	0.1280	0.0500
RANGE :	69.010	6.360	8.900	11.160	52.382	1.3088	0.4645
ARITH. MEAN :	40.798	2.539	3.013	5.859	28.782	0.5214	0.2164
ARITH. STD. DEV :	19.688	1.940	2.597	3.913	16.575	0.4274	0.1534
GEOM. MEAN :	34.418	1.786	2.461	4.574	21.782	0.3884	0.1684
GEOM. STD. DEV. :	2.090	2.674	1.962	2.214	2.626	2.3232	2.1687
1ST QUARTILE :	31.860	0.550	0.375	1.922	13.004	0.1685	0.0748
2ND QUARTILE :	33.702	2.550	2.921	5.407	25.440	0.4925	0.1860
3RD QUARTILE :	49.425	3.399	3.900	7.305	43.200	0.6424	0.2682

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MCKELLAR/CUMULATIVE/PRECIP. #21

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83 PAGE : 3

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	11.0000	11.000	11.0000	11.0000	11.000	11.000	11.0000
MAXIMUM :	0.0890	0.809	5.4230	1.1340	0.162	4.343	0.1653
MINIMUM :	0.0125	0.069	1.3747	0.0640	0.025	0.334	0.0649
RANGE :	0.0765	0.740	4.0483	1.0700	0.137	4.008	0.1004
ARITH. MEAN :	0.0445	0.437	2.8806	0.5080	0.081	2.082	0.1030
ARITH. STD. DEV :	0.0253	0.193	1.3618	0.4078	0.041	1.268	0.0306
GEOM. MEAN :	0.0377	0.382	2.6131	0.3519	0.071	1.699	0.0991
GEOM. STD. DEV. :	1.8754	1.890	1.5838	2.6893	1.761	2.071	1.3352
1ST QUARTILE :	0.0205	0.329	1.6764	0.1360	0.041	1.158	0.0768
2ND QUARTILE :	0.0401	0.390	2.3075	0.3620	0.080	1.417	0.0884
3RD QUARTILE :	0.0582	0.504	3.5184	0.7528	0.097	2.821	0.1233

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MCKELLAR/CUMULATIVE/PRECIP. #21

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

		CADMIUM MG/M**2
# OF SAMPLES	:	11.00000
MAXIMUM	:	0.01796
MINIMUM	:	0.00180
RANGE	:	0.01616
ARITH. MEAN	:	0.00655
ARITH. STD. DEV	:	0.00435
GEOM. MEAN	:	0.00551
GEOM. STD. DEV.	:	1.86053
1ST QUARTILE	:	0.00345
2ND QUARTILE	:	0.00512
3RD QUARTILE	:	0.00780

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MERLIN/CUMULATIVE/PRECIP. #02

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83 PAGE : 1

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	11.0000	13.0000	12.00	12.000	11.000	13.000
MAXIMUM :	117.0	12.2504	12.7200	474.00	62.640	67.116	84.870
MINIMUM :	12.4	0.3902	1.2864	190.40	19.964	23.064	2.640
RANGE :	104.6	11.8603	11.4336	283.60	42.676	44.052	82.230
ARITH. MEAN :	61.1	4.2460	5.4044	299.33	38.841	39.650	22.656
ARITH. STD. DEV :	30.4	3.3139	3.2154	109.11	14.557	15.534	20.596
GEOM. MEAN :	52.9	3.0399	4.5255	282.54	36.531	36.976	16.917
GEOM. STD. DEV. :	1.8	2.6090	1.9110	1.42	1.437	1.480	2.261
1ST QUARTILE :	39.3	1.4617	2.8329	208.65	30.189	24.810	12.035
2ND QUARTILE :	58.2	3.8651	4.4429	249.45	34.235	32.440	17.465
3RD QUARTILE :	68.5	5.4803	6.7800	421.75	50.725	52.920	21.267

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MERLIN/CUMULATIVE/PRECIP. 802

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	11.000	12.000	12.000	11.000	13.000	10.0000	9.0000
MAXIMUM :	183.700	55.200	11.000	62.445	84.700	5.9220	0.5640
MINIMUM :	23.560	4.165	0.210	1.500	5.796	0.0900	0.1800
RANGE :	160.140	51.035	10.790	60.945	78.904	5.8320	0.3840
ARITH. MEAN :	51.399	12.348	3.413	12.605	31.033	1.4167	0.3187
ARITH. STD. DEV :	44.955	14.063	3.557	17.389	19.485	1.6941	0.1293
GEOM. MEAN :	42.732	8.936	2.221	6.849	26.185	0.8426	0.2975
GEOM. STD. DEV. :	1.730	2.097	2.775	3.126	1.883	3.0696	1.4744
1ST QUARTILE :	29.047	5.075	1.510	2.022	18.284	0.4520	0.2160
2ND QUARTILE :	35.830	7.635	2.190	7.731	25.845	0.8295	0.2585
3RD QUARTILE :	49.710	13.275	2.872	12.140	34.800	1.5270	0.3675

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MERLIN/CUMULATIVE/PRECIP. #02

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83 PAGE : 3

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	9.0000	9.000	8.0000	8.0000	9.000	8.000	9.0000
MAXIMUM :	0.1100	0.872	30.5688	0.7700	0.117	12.143	0.2177
MINIMUM :	0.0175	0.400	2.4163	0.2256	0.035	1.554	0.0569
RANGE :	0.0925	0.472	28.1525	0.5444	0.082	10.589	0.1608
ARITH. MEAN :	0.0420	0.544	7.1918	0.5299	0.072	4.161	0.1067
ARITH. STD. DEV :	0.0280	0.145	9.5505	0.1899	0.027	3.527	0.0568
GEOM. MEAN :	0.0363	0.530	4.7395	0.4944	0.067	3.257	0.0959
GEOM. STD. DEV. :	1.7052	1.271	2.2800	1.5252	1.466	2.040	1.5979
1ST QUARTILE :	0.0263	0.446	2.7847	0.3750	0.053	1.697	0.0674
2ND QUARTILE :	0.0315	0.480	3.9072	0.5660	0.063	3.032	0.0775
3RD QUARTILE :	0.0380	0.565	5.5827	0.6810	0.076	5.066	0.1066

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MERLIN/CUMULATIVE/PRECIP. #02

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	CADMIUM MG/M**2
# OF SAMPLES :	9.00000
MAXIMUM :	0.01360
MINIMUM :	0.00300
RANGE :	0.01060
ARITH. MEAN :	0.00643
ARITH. STD. DEV :	0.00338
GEOM. MEAN :	0.00577
GEOM. STD. DEV. :	1.62734
1ST QUARTILE :	0.00375
2ND QUARTILE :	0.00557
3RD QUARTILE :	0.00642

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MILTON/CUMULATIVE/PRECIP. #10

PERIOD OF REPORT : JAN 4, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	3.0000	4.0000	7.00	9.000	1.000	9.000
MAXIMUM :	130.0	6.9814	9.3860	684.95	96.820	32.240	83.490
MINIMUM :	33.0	1.5346	1.3596	148.50	26.400	32.240	11.960
RANGE :	97.0	5.4468	8.0264	536.45	70.420	0.000	71.530
ARITH. MEAN :	73.1	3.8997	5.0311	406.35	58.507	********	36.201
ARITH. STD. DEV :	27.7	2.7932	3.3765	228.84	23.973	********	23.431
GEOM. MEAN :	68.2	3.2429	4.0570	343.07	53.741	********	30.357
GEOM. STD. DEV. :	1.5	2.1333	2.2635	1.94	1.575	********	1.874
1ST QUARTILE :	51.0	********	2.5882	150.95	35.985	********	19.875
2ND QUARTILE :	65.5	********	4.6894	324.79	55.820	********	24.960
3RD QUARTILE :	88.0	********	7.4740	604.00	68.265	********	39.945

***** : INSUFFICIENT DATA
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MILTON/CUMULATIVE/PRECIP. #10

PERIOD OF REPORT : JAN 4, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	7.000	2.000	10.000	8.000	8.000	9.0000	9.0000
MAXIMUM :	111.800	13.520	28.325	34.400	84.600	7.1500	1.3314
MINIMUM :	18.150	2.500	0.660	2.425	8.580	0.3300	0.2080
RANGE :	93.650	11.020	27.665	31.975	76.020	6.8200	1.1234
ARITH. MEAN :	64.652	8.010	10.271	9.920	48.889	2.9916	0.7783
ARITH. STD. DEV :	34.977	7.792	9.459	11.345	28.436	2.4076	0.3924
GEOM. MEAN :	54.688	5.814	6.342	6.381	39.293	2.0716	0.6722
GEOM. STD. DEV. :	1.964	3.299	3.167	2.537	2.211	2.7141	1.8601
1ST QUARTILE :	23.635	********	2.700	3.425	23.300	1.0160	0.4442
2ND QUARTILE :	57.975	********	7.437	4.527	53.345	2.0845	0.6450
3RD QUARTILE :	88.770	********	13.538	13.316	72.320	3.6430	1.0615

***** : INSUFFICIENT DATA

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MILTON/CUMULATIVE/PRECIP. #10

PERIOD OF REPORT : JAN 4, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	9.0000	9.000	9.0000	9.0000	9.000	9.000	9.0000
MAXIMUM :	0.0677	1.786	13.8250	1.9500	0.130	8.341	0.2985
MINIMUM :	0.0250	0.334	1.4206	0.2031	0.050	1.062	0.0630
RANGE :	0.0427	1.453	12.4044	1.7469	0.080	7.279	0.2355
ARITH. MEAN :	0.0474	0.986	6.5158	0.7566	0.081	3.978	0.1339
ARITH. STD. DEV :	0.0140	0.468	4.1549	0.5225	0.026	2.699	0.0856
GEOM. MEAN :	0.0454	0.882	5.1314	0.6173	0.078	3.228	0.1159
GEOM. STD. DEV. :	1.3796	1.685	2.2149	2.0015	1.381	2.010	1.7090
1ST QUARTILE :	0.0358	0.640	2.3016	0.3850	0.058	1.833	0.0832
2ND QUARTILE :	0.0467	0.822	5.9489	0.6003	0.074	2.947	0.0992
3RD QUARTILE :	0.0517	1.171	8.6611	0.8280	0.093	4.256	0.1067

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MILTON/CUMULATIVE/PRECIP. #10

PERIOD OF REPORT : JAN 4, 82 TO JAN 4,83

	CADMIUM MG/M**2
# OF SAMPLES :	9.00000
MAXIMUM :	0.02600
MINIMUM :	0.00317
RANGE :	0.02283
ARITH. MEAN :	0.00929
ARITH. STD. DEV :	0.00676
GEOM. MEAN :	0.00778
GEOM. STD. DEV. :	1.83242
1ST QUARTILE :	0.00485
2ND QUARTILE :	0.00738
3RD QUARTILE :	0.00985

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MOONBEAM/CUMULATIVE/PRECIP. #27

PERIOD OF REPORT : JAN 5, 82 TO JAN 6,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES	13.0	11.0000	11.0000	11.00	12.000	12.000	12.000
MAXIMUM	122.0	5.3255	7.0620	244.00	20.680	26.884	7.238
MINIMUM	19.0	0.6588	1.3850	21.85	7.200	2.916	0.000
RANGE	103.0	4.6667	5.6770	222.15	13.480	23.968	7.238
ARITH. MEAN	58.9	1.9871	3.3742	110.04	12.801	10.648	3.725
ARITH. STD. DEV	36.5	1.4385	1.8178	81.38	5.362	8.102	2.434
GEOM. MEAN	49.0	1.6329	3.0108	82.13	11.799	8.244	3.048
GEOM. STD. DEV.	1.9	1.8789	1.6271	2.32	1.525	2.113	1.962
1ST QUARTILE	26.9	1.0562	2.1663	35.02	7.895	4.700	1.525
2ND QUARTILE	42.5	1.2561	2.4904	69.95	10.834	8.545	3.990
3RD QUARTILE	82.5	2.5543	3.7247	174.13	18.500	15.175	5.785

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NOONBEAM/CUMULATIVE/PRECIP. #27

PERIOD OF REPORT : JAN 5, 82 TO JAN 6,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES	11.000	12.000	12.000	12.000	10.000	11.0000	11.0000
MAXIMUM	50.600	3.915	5.170	7.150	37.400	0.6480	0.2430
MINIMUM	5.070	0.243	0.000	0.000	3.650	0.0486	0.0169
RANGE	45.530	3.672	5.170	7.150	33.750	0.5994	0.2261
ARITH. MEAN	19.685	1.964	1.922	2.393	14.982	0.3521	0.1098
ARITH. STD. DEV	14.228	1.201	1.686	2.022	11.411	0.2065	0.0749
GEOM. MEAN	15.297	1.554	1.403	1.893	11.140	0.2691	0.0832
GEOM. STD. DEV.	2.157	2.234	2.606	2.131	2.324	2.4830	2.3588
1ST QUARTILE	6.635	1.000	0.525	0.970	4.655	0.1375	0.0371
2ND QUARTILE	14.505	1.712	1.827	1.777	12.495	0.3375	0.0870
3RD QUARTILE	29.215	3.100	2.925	3.377	20.712	0.5020	0.1610

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MOOSBEAN/CUMULATIVE/PRECIP. #27

PERIOD OF REPORT : JAN 5, 82 TO JAN 6,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	11.0000	10.000	10.0000	11.0000	11.000	10.000	11.0000
MAXIMUM :	0.0610	2.521	3.4341	0.7700	0.122	2.569	0.4628
MINIMUM :	0.0125	0.109	0.2700	0.0243	0.025	0.192	0.0451
RANGE :	0.0485	2.412	3.1641	0.7457	0.097	2.378	0.4177
ARITH. MEAN :	0.0339	0.499	1.5082	0.2484	0.068	1.205	0.1416
ARITH. STD. DEV :	0.0170	0.732	1.0177	0.2889	0.034	0.801	0.1319
GEOM. MEAN :	0.0301	0.295	1.1535	0.1242	0.060	0.918	0.1078
GEOM. STD. DEV. :	1.6968	2.545	2.3411	3.5352	1.697	2.397	2.0279
1ST QUARTILE :	0.0184	0.161	0.5269	0.0346	0.037	0.491	0.0611
2ND QUARTILE :	0.0256	0.204	1.4135	0.0870	0.051	1.082	0.0956
3RD QUARTILE :	0.0493	0.394	1.8723	0.4050	0.099	1.394	0.1122

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MOONBEAM/CUMULATIVE/PRECIP. #27

PERIOD OF REPORT : JAN 5, 82 TO JAN 6,83 PAGE : 4

		CADMIUM MG/M**2
# OF SAMPLES	:	11.00000
MAXIMUM	:	0.08272
MINIMUM	:	0.00125
RANGE	:	0.08147
ARITH. MEAN	:	0.01267
ARITH. STD. DEV	:	0.02353
GEOM. MEAN	:	0.00586
GEOM. STD. DEV.	:	3.09269
1ST QUARTILE	:	0.00221
2ND QUARTILE	:	0.00505
3RD QUARTILE	:	0.00888

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NAKINA/CUMULATIVE/PRECIP. #30

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	9.0000	9.0000	13.00	13.000	8.000	12.000
MAXIMUM :	107.5	2.5200	4.2480	203.50	21.450	31.350	8.100
MINIMUM :	9.8	0.0772	0.7066	11.76	2.352	3.552	1.075
RANGE :	97.7	2.4428	3.5414	191.74	19.098	27.798	7.025
ARITH. MEAN :	48.9	0.6786	1.9795	69.30	9.486	13.599	4.113
ARITH. STD. DEV :	32.4	0.7468	1.1807	58.86	5.339	9.444	2.518
GEOM. MEAN :	38.9	0.4343	1.7010	51.07	8.182	10.889	3.343
GEOM. STD. DEV. :	2.1	2.7625	1.7908	2.27	1.792	2.079	2.027
1ST QUARTILE :	20.7	0.2276	1.1255	30.82	5.989	6.357	1.820
2ND QUARTILE :	37.5	0.3637	1.3726	44.26	7.675	10.637	3.786
3RD QUARTILE :	62.5	0.6706	2.2445	78.00	10.803	19.950	5.885

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NAKINA/CUMULATIVE/PRECIP. #30

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	10.000	9.000	12.000	12.000	11.000	9.0000	11.0000
MAXIMUM :	75.900	6.050	7.200	7.200	47.700	2.8800	0.3850
MINIMUM :	6.144	0.888	0.510	1.000	0.039	0.0960	0.0384
RANGE :	69.756	5.162	6.690	6.200	47.661	2.7840	0.3466
ARITH. MEAN :	28.072	2.836	2.645	2.572	12.162	0.8255	0.1520
ARITH. STD. DEV :	24.276	1.934	2.426	2.009	13.640	0.9770	0.1222
GEOM. MEAN :	20.225	2.270	1.740	2.026	5.712	0.4516	0.1151
GEOM. STD. DEV. :	2.351	2.071	2.666	2.005	6.239	3.1969	2.1876
1ST QUARTILE :	9.361	1.022	0.700	1.101	3.917	0.1767	0.0506
2ND QUARTILE :	16.462	2.325	1.888	1.681	6.245	0.2936	0.1084
3RD QUARTILE :	35.000	3.094	4.250	3.312	13.720	0.7587	0.1700

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NAKINA/CUMULATIVE/PRECIP. #30

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83 PAGE : 3

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	11.0000	10.000	10.0000	11.0000	11.000	10.000	11.0000
MAXIMUM :	0.0537	0.978	15.6538	0.4670	0.107	3.811	0.1073
MINIMUM :	0.0096	0.073	0.5806	0.0192	0.019	0.280	0.0229
RANGE :	0.0441	0.905	15.0732	0.4478	0.088	3.531	0.0844
ARITH. MEAN :	0.0295	0.330	3.1903	0.1754	0.059	1.680	0.0655
ARITH. STD. DEV :	0.0167	0.317	4.6413	0.1368	0.033	1.375	0.0281
GEOM. MEAN :	0.0247	0.229	1.7049	0.1248	0.049	1.138	0.0595
GEOM. STD. DEV. :	1.9291	2.376	2.9321	2.5718	1.929	2.701	1.6184
1ST QUARTILE :	0.0112	0.121	0.6970	0.0587	0.022	0.392	0.0390
2ND QUARTILE :	0.0237	0.178	1.2992	0.1047	0.047	1.370	0.0590
3RD QUARTILE :	0.0458	0.358	2.9684	0.2725	0.092	2.568	0.0842

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NAKINA/CUMULATIVE/PRECIP. #30

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	CADMIUM MG/M**2
# OF SAMPLES :	11.00000
MAXIMUM :	0.01401
MINIMUM :	0.00192
RANGE :	0.01209
ARITH. MEAN :	0.00528
ARITH. STD. DEV :	0.00358
GEOM. MEAN :	0.00441
GEOM. STD. DEV. :	1.88349
1ST QUARTILE :	0.00196
2ND QUARTILE :	0.00462
3RD QUARTILE :	0.00625

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PALMERSTON/CUMULATIVE/PRECIP. #08

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	8.0000	8.0000	11.00	12.000	9.000	12.000
MAXIMUM :	137.0	7.7041	10.5764	472.65	70.408	52.129	49.470
MINIMUM :	22.8	1.2165	3.3180	110.58	18.696	9.900	0.450
RANGE :	114.2	6.4876	7.2584	362.07	51.712	42.229	49.020
ARITH. MEAN :	71.8	4.5982	6.5862	277.26	40.421	28.414	15.997
ARITH. STD. DEV :	31.9	2.2251	2.1966	94.30	15.704	12.866	14.044
GEOM. MEAN :	65.3	3.9530	6.2510	261.16	37.727	25.587	10.015
GEOM. STD. DEV. :	1.6	1.9212	1.4261	1.46	1.479	1.668	3.408
1ST QUARTILE :	50.5	2.8202	5.1142	199.67	30.820	18.200	6.610
2ND QUARTILE :	68.8	5.0587	6.8568	275.00	38.800	27.525	11.550
3RD QUARTILE :	79.5	6.0535	7.4265	318.62	47.850	30.570	25.220

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PALMERSTON/CUMULATIVE/PRECIP. #08

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	10.000	9.000	12.000	11.000	12.000	9.0000	12.0000
MAXIMUM :	99.200	13.702	9.920	17.263	86.800	3.2900	2.3290
MINIMUM :	33.744	0.900	0.900	0.700	16.014	0.0850	0.0450
RANGE :	65.456	12.802	9.020	16.563	70.786	3.2050	2.2840
ARITH. MEAN :	58.166	7.311	3.822	5.609	45.179	1.0385	0.3976
ARITH. STD. DEV :	22.537	3.715	3.287	6.065	20.215	0.9813	0.6180
GEOM. MEAN :	54.516	6.013	2.695	2.852	41.028	0.6370	0.2340
GEOM. STD. DEV. :	1.456	2.217	2.413	3.573	1.602	3.3258	2.5851
1ST QUARTILE :	39.300	4.887	1.152	0.825	30.864	0.3525	0.1418
2ND QUARTILE :	53.070	6.650	2.172	1.665	42.850	0.7212	0.2325
3RD QUARTILE :	67.146	9.267	6.073	10.974	55.380	1.0610	0.3103

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PALMERSTON/CUMULATIVE/PRECIP. #08

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	12.000	10.0000	12.0000	12.000	10.000	12.0000
MAXIMUM :	0.2740	1.543	7.0122	6.8500	0.274	5.601	1.5682
MINIMUM :	0.0114	0.121	0.9495	0.0370	0.023	0.480	0.0276
RANGE :	0.2626	1.422	6.0627	6.8130	0.251	5.121	1.5407
ARITH. MEAN :	0.0539	0.578	2.7299	0.8979	0.085	2.319	0.2631
ARITH. STD. DEV :	0.0705	0.465	1.7640	1.8930	0.065	1.644	0.4494
GEOM. MEAN :	0.0373	0.440	2.3321	0.3067	0.070	1.863	0.1199
GEOM. STD. DEV. :	2.1434	2.175	1.7848	4.2628	1.837	2.044	3.1322
1ST QUARTILE :	0.0252	0.252	1.3631	0.0852	0.050	1.207	0.0633
2ND QUARTILE :	0.0350	0.466	2.3754	0.4140	0.070	1.824	0.0766
3RD QUARTILE :	0.0437	0.657	2.7811	0.5150	0.087	2.225	0.1682

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PALMERSTON/CUMULATIVE/PRECIP. #08

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

		CADMIUM MG/M**2
# OF SAMPLES	:	12.00000
MAXIMUM	:	0.05480
MINIMUM	:	0.00228
RANGE	:	0.05252
ARITH. MEAN	:	0.01060
ARITH. STD. DEV	:	0.01498
GEOM. MEAN	:	0.00613
GEOM. STD. DEV.	:	2.65588
1ST QUARTILE	:	0.00302
2ND QUARTILE	:	0.00437
3RD QUARTILE	:	0.01143

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PICKLE LAKE/CUMULATIVE/PRECIP. #36

PERIOD OF REPORT : JAN 5, 82 TO JAN 10,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	12.0	11.0000	12.0000	12.00	12.000	12.000	12.000
MAXIMUM :	96.0	2.7488	3.3981	133.76	20.828	22.860	13.440
MINIMUM :	12.0	0.0321	0.3072	7.48	2.625	1.720	0.830
RANGE :	84.0	2.7167	3.0909	126.28	18.203	21.140	12.610
ARITH. MEAN :	46.3	0.5906	1.6252	50.59	8.627	8.932	4.407
ARITH. STD. DEV :	28.0	0.7514	0.8453	45.44	5.671	7.214	3.822
GEOM. MEAN :	38.3	0.3243	1.3994	34.02	7.090	6.528	3.175
GEOM. STD. DEV. :	2.0	3.4542	1.8664	2.64	1.940	2.366	2.349
1ST QUARTILE :	23.9	0.0827	0.9978	16.31	4.418	3.808	1.583
2ND QUARTILE :	37.9	0.3996	1.4026	35.93	6.748	6.309	3.004
3RD QUARTILE :	71.8	0.5815	2.1293	80.32	11.635	11.483	6.085

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PICKLE LAKE/CUMULATIVE/PRECIP. #36

PERIOD OF REPORT : JAN 5, 82 TO JAN 10,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES	11.000	12.000	12.000	12.000	12.000	12.0000	12.0000
MAXIMUM	60.960	4.150	13.695	3.565	44.196	3.5690	0.4980
MINIMUM	2.805	0.172	0.172	0.360	0.561	0.1204	0.0172
RANGE	58.155	3.978	13.523	3.205	43.635	3.4486	0.4808
ARITH. MEAN	27.153	1.462	2.820	1.776	14.603	0.8538	0.1399
ARITH. STD. DEV	19.515	1.060	3.695	0.985	13.555	1.0162	0.1381
GEOM. MEAN	18.928	1.099	1.559	1.463	8.324	0.5058	0.0952
GEOM. STD. DEV.	2.793	2.415	3.178	2.061	3.640	2.8226	2.5234
1ST QUARTILE	8.142	0.855	0.749	1.034	4.691	0.2559	0.0587
2ND QUARTILE	18.255	1.299	1.616	1.841	7.567	0.3682	0.0759
3RD QUARTILE	43.122	1.851	3.483	2.127	23.679	1.0934	0.1683

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PICKLE LAKE/CUMULATIVE/PRECIP. #36

PERIOD OF REPORT : JAN 5, 82 TO JAN 10,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	12.000	12.0000	12.0000	12.000	12.000	12.0000
MAXIMUM :	0.0768	1.098	6.2992	0.3556	0.145	8.101	2.2627
MINIMUM :	0.0060	0.048	0.3216	0.0093	0.012	0.164	0.0294
RANGE :	0.0708	1.050	5.9776	0.3462	0.133	7.937	2.2333
ARITH. MEAN :	0.0343	0.363	2.1346	0.1563	0.057	1.891	0.2906
ARITH. STD. DEV :	0.0243	0.305	1.8167	0.1046	0.042	2.123	0.6257
GEOM. MEAN :	0.0256	0.246	1.5702	0.1076	0.043	1.225	0.1185
GEOM. STD. DEV. :	2.3761	2.727	2.2938	3.0289	2.224	2.685	3.0782
1ST QUARTILE :	0.0119	0.131	0.9007	0.0832	0.024	0.678	0.0624
2ND QUARTILE :	0.0326	0.318	1.4541	0.1518	0.038	1.170	0.0971
3RD QUARTILE :	0.0494	0.491	2.8363	0.2210	0.089	2.163	0.1783

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PICKLE LAKE/CUMULATIVE/PRECIP. #36

PERIOD OF REPORT : JAN 5, 82 TO JAN 10,83

	CADMIUM MG/M**2
# OF SAMPLES :	12.00000
MAXIMUM :	0.03440
MINIMUM :	0.00060
RANGE :	0.03380
ARITH. MEAN :	0.00880
ARITH. STD. DEV :	0.01015
GEOM. MEAN :	0.00539
GEOM. STD. DEV. :	2.87447
1ST QUARTILE :	0.00366
2ND QUARTILE :	0.00545
3RD QUARTILE :	0.00745

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PORT STANLEY/CUMULATIVE/PRECIP. #01

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH0.5 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	11.0000	11.0000	13.00	13.000	10.000	13.000
MAXIMUM :	172.0	16.0520	18.9200	688.00	96.320	139.263	66.600
MINIMUM :	17.0	1.5900	1.6482	134.85	18.360	12.420	5.130
RANGE :	155.0	14.4620	17.2718	553.15	77.960	126.843	61.470
ARITH. MEAN :	74.2	6.9810	8.9780	337.42	46.953	34.731	18.824
ARITH. STD. DEV :	42.8	5.1014	5.8950	169.28	21.406	37.409	16.631
GEOM. MEAN :	61.7	5.2843	7.0701	300.31	42.595	26.383	14.253
GEOM. STD. DEV. :	2.0	2.2578	2.1705	1.66	1.599	1.960	2.122
1ST QUARTILE :	43.5	2.3895	3.4857	189.75	31.865	15.705	6.975
2ND QUARTILE :	71.6	4.4013	7.0106	305.50	42.180	26.550	13.320
3RD QUARTILE :	81.5	9.6277	12.7190	377.57	52.815	30.177	20.595

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PORT STANLEY/CUMULATIVE/PRECIP. #03

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	11.000	11.000	11.000	11.000	12.000	12.0000	11.0000
MAXIMUM :	89.798	42.000	16.500	38.700	72.240	22.2000	2.8918
MINIMUM :	16.740	2.430	0.000	1.170	8.520	0.0310	0.0465
RANGE :	73.058	39.570	16.500	37.530	63.720	22.1690	2.8453
ARITH. MEAN :	48.732	9.837	3.733	8.960	34.332	3.3271	0.5186
ARITH. STD. DEV :	23.357	12.707	4.407	10.911	19.797	6.2516	0.8073
GEOM. MEAN :	43.583	6.076	2.784	5.168	28.889	0.7749	0.2831
GEOM. STD. DEV. :	1.668	2.469	1.945	2.984	1.904	7.4684	2.8717
1ST QUARTILE :	26.920	2.955	1.567	1.697	17.618	0.1912	0.1455
2ND QUARTILE :	44.510	4.452	2.342	3.792	32.445	0.7985	0.2230
3RD QUARTILE :	66.625	5.985	3.852	10.903	47.950	3.4688	0.4110

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PORT STANLEY/CUMULATIVE/PRECIP. #03

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	11.0000	11.000	11.0000	11.0000	11.000	11.000	11.0000
MAXIMUM :	0.0860	1.073	56.6460	1.0320	0.688	47.568	1.7748
MINIMUM :	0.0135	0.130	1.2239	0.0300	0.027	0.745	0.0360
RANGE :	0.0725	0.944	55.4221	1.0020	0.661	46.823	1.7388
ARITH. MEAN :	0.0421	0.554	8.4999	0.4817	0.131	7.492	0.2656
ARITH. STD. DEV :	0.0192	0.297	16.2782	0.3022	0.186	13.778	0.5061
GEOM. MEAN :	0.0384	0.479	3.6089	0.3588	0.087	2.942	0.1234
GEOM. STD. DEV. :	1.5972	1.817	3.2208	2.6766	2.195	3.638	2.9301
1ST QUARTILE :	0.0305	0.341	1.3576	0.2332	0.061	1.049	0.0571
2ND QUARTILE :	0.0383	0.414	2.1402	0.3875	0.077	1.585	0.0830
3RD QUARTILE :	0.0445	0.692	6.0951	0.7075	0.089	6.226	0.1844

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : PORT STANLEY/CUMULATIVE/PRECIP. #03

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83 PAGE : 4

	CADMIUM MG/M**2
# OF SAMPLES	11.00000
MAXIMUM	0.31490
MINIMUM	0.00310
RANGE	0.31180
ARITH. MEAN	0.04427
ARITH. STD. DEV	0.09113
GEOM. MEAN	0.01500
GEOM. STD. DEV.	4.02492
1ST QUARTILE	0.00427
2ND QUARTILE	0.01095
3RD QUARTILE	0.03177

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : QUETICO CENTRE/CUMULATIVE/PRECIP. #32

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	13.0000	12.0000	13.00	13.000	13.000	13.000
MAXIMUM :	193.0	2.8162	6.2222	212.30	38.600	50.180	9.650
MINIMUM :	13.2	0.1092	0.9462	14.55	5.100	0.485	0.000
RANGE :	179.8	2.7071	5.2760	197.75	33.500	49.695	9.650
ARITH. MEAN :	69.1	1.0274	2.7623	83.37	14.798	11.653	3.618
ARITH. STD. DEV :	47.3	0.7360	1.5720	63.03	9.449	14.105	2.870
GEOM. MEAN :	56.9	0.7737	2.4135	61.88	12.471	5.779	2.855
GEOM. STD. DEV. :	1.9	2.3767	1.7159	2.33	1.831	3.798	1.994
1ST QUARTILE :	39.9	0.4511	1.8792	30.46	6.840	2.010	1.282
2ND QUARTILE :	54.5	0.8013	2.3278	55.54	11.460	5.170	2.512
3RD QUARTILE :	63.5	1.3606	3.1834	117.12	17.794	12.614	4.576

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : QUETICO CENTRE/CUMULATIVE/PRECIP. #32

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	13.000	13.000	13.000	13.000	11.0000	11.0000
MAXIMUM :	84.920	8.685	7.720	5.870	63.304	2.3160	0.9650
MINIMUM :	9.860	0.000	0.000	0.152	0.873	0.0000	0.0340
RANGE :	75.060	8.685	7.720	5.718	62.431	2.3160	0.9310
ARITH. MEAN :	33.196	1.914	2.410	1.782	21.082	0.7339	0.2175
ARITH. STD. DEV :	21.401	2.259	2.223	1.692	17.216	0.6971	0.2589
GEOM. MEAN :	27.809	1.269	1.701	1.234	14.007	0.6200	0.1450
GEOM. STD. DEV. :	1.868	2.738	2.663	2.587	3.048	2.2241	2.4451
1ST QUARTILE :	19.279	0.377	0.549	0.840	8.102	0.2079	0.0652
2ND QUARTILE :	26.554	1.374	1.938	1.035	14.346	0.5301	0.1231
3RD QUARTILE :	42.536	2.282	2.726	1.716	27.813	0.8602	0.2262

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : QUETICO CENTRE/CUMULATIVE/PRECIP. #32

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	11.0000	11.000	10.0000	11.0000	11.000	11.000	11.0000
MAXIMUM :	0.0965	0.664	6.2030	1.0566	0.193	4.844	0.1804
MINIMUM :	0.0170	0.090	0.4440	0.0578	0.034	0.449	0.0414
RANGE :	0.0795	0.574	5.7591	0.9988	0.159	4.395	0.1389
ARITH. MEAN :	0.0435	0.235	2.0204	0.2498	0.082	1.643	0.0929
ARITH. STD. DEV :	0.0250	0.167	1.7313	0.2895	0.050	1.414	0.0507
GEOM. MEAN :	0.0374	0.200	1.4674	0.1645	0.070	1.227	0.0816
GEOM. STD. DEV. :	1.7808	1.738	2.3779	2.4564	1.771	2.194	1.6928
1ST QUARTILE :	0.0200	0.144	0.5461	0.0724	0.040	0.552	0.0495
2ND QUARTILE :	0.0305	0.164	1.7797	0.1146	0.058	1.143	0.0680
3RD QUARTILE :	0.0582	0.223	2.3698	0.2848	0.116	1.788	0.1189

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : QUETICO CENTRE/CUMULATIVE/PRECIP. #32

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	CADMIUM MG/M**2
# OF SAMPLES :	11.00000
MAXIMUM :	0.01106
MINIMUM :	0.00170
RANGE :	0.00936
ARITH. MEAN :	0.00557
ARITH. STD. DEV :	0.00291
GEOM. MEAN :	0.00482
GEOM. STD. DEV. :	1.81754
1ST QUARTILE :	0.00249
2ND QUARTILE :	0.00557
3RD QUARTILE :	0.00634

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : RAMSEY/CUMULATIVE/PRECIP. #26

PERIOD OF REPORT : JAN 5, 82 TO JAN 11,83 PAGE : 1

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	13.0000	13.0000	13.00	13.000	13.000	13.000
MAXIMUM :	100.4	4.7704	6.7890	284.90	29.568	20.328	30.120
MINIMUM :	12.0	0.5877	0.9960	21.85	3.840	1.440	0.000
RANGE :	88.4	4.1826	5.7930	263.05	25.728	18.888	30.120
ARITH. MEAN :	52.8	2.4701	3.5266	104.63	15.705	6.495	5.628
ARITH. STD. DEV :	31.0	1.4535	1.7365	76.69	8.399	5.466	7.686
GEOM. MEAN :	42.9	2.0481	3.0956	80.32	13.197	4.728	3.604
GEOM. STD. DEV. :	2.1	1.9550	1.7499	2.19	1.949	2.324	2.314
1ST QUARTILE :	23.0	1.0949	1.9569	38.47	8.805	2.405	1.455
2ND QUARTILE :	51.3	2.0514	2.9109	82.20	13.637	4.452	3.824
3RD QUARTILE :	66.4	3.1523	4.8314	137.21	21.064	8.010	5.145

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : RAMSEY/CUMULATIVE/PRECIP. #26

PERIOD OF REPORT : JAN 5, 82 TO JAN 11,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	13.000	13.000	12.000	12.000	12.0000	12.0000
MAXIMUM :	41.580	4.312	6.024	6.975	30.184	1.9404	0.3080
MINIMUM :	3.420	0.238	0.000	0.030	0.950	0.0669	0.0476
RANGE :	38.160	4.074	6.024	6.975	29.234	1.8735	0.2604
ARITH. MEAN :	16.969	1.265	2.048	1.848	11.517	0.5203	0.1164
ARITH. STD. DEV :	10.287	1.116	1.769	1.842	8.108	0.5405	0.0730
GEOM. MEAN :	14.151	0.912	1.496	1.499	8.572	0.3453	0.0998
GEOM. STD. DEV. :	1.946	2.353	2.557	1.958	2.503	2.5553	1.7712
1ST QUARTILE :	8.739	0.442	0.409	0.892	5.280	0.1910	0.0585
2ND QUARTILE :	16.562	0.882	1.620	1.254	11.476	0.3554	0.1050
3RD QUARTILE :	21.314	1.522	2.609	2.117	15.711	0.6497	0.1470

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : RAMSEY/CUMULATIVE/PRECIP. #26

PERIOD OF REPORT : JAN 5, 82 TO JAN 11,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	11.000	11.0000	11.0000	12.000	11.000	11.0000
MAXIMUM :	0.0616	0.604	2.6399	0.2790	0.100	4.410	0.1319
MINIMUM :	0.0095	0.130	0.4974	0.0330	0.012	0.325	0.0362
RANGE :	0.0521	0.474	2.1425	0.2460	0.088	4.085	0.0957
ARITH. MEAN :	0.0323	0.266	1.6584	0.1253	0.058	1.705	0.0656
ARITH. STD. DEV :	0.0166	0.133	0.7252	0.0913	0.029	1.208	0.0264
GEOM. MEAN :	0.0279	0.242	1.4827	0.0979	0.050	1.303	0.0616
GEOM. STD. DEV. :	1.8296	1.553	1.7099	2.1022	1.947	2.283	1.4312
1ST QUARTILE :	0.0186	0.160	0.9672	0.0478	0.037	0.500	0.0459
2ND QUARTILE :	0.0308	0.241	1.4479	0.0740	0.059	1.612	0.0578
3RD QUARTILE :	0.0472	0.288	2.2301	0.1863	0.080	2.133	0.0740

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : RAMSEY/CUMULATIVE/PRECIP. 826

PERIOD OF REPORT : JAN 5, 82 TO JAN 11,83

	CADMIUM MG/M**2
# OF SAMPLES :	12.00000
MAXIMUM :	0.03012
MINIMUM :	0.00095
RANGE :	0.02917
ARITH. MEAN :	0.00631
ARITH. STD. DEV :	0.00853
GEOM. MEAN :	0.00376
GEOM. STD. DEV. :	2.60934
1ST QUARTILE :	0.00239
2ND QUARTILE :	0.00319
3RD QUARTILE :	0.00472

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SHALLOW LAKE/CUMULATIVE/PRECIP. #09

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	13.0000	12.0000	13.00	13.000	13.000	13.000
MAXIMUM :	127.0	13.1797	11.3792	362.50	57.150	39.220	41.440
MINIMUM :	30.0	1.1146	2.3640	106.60	21.300	12.700	1.012
RANGE :	97.0	12.0651	9.0152	255.90	35.850	26.520	40.428
ARITH. MEAN :	75.6	4.8468	6.6316	235.46	40.371	21.044	13.692
ARITH. STD. DEV :	31.9	3.3428	2.7871	77.17	11.175	8.012	13.470
GEOM. MEAN :	69.2	3.9243	6.0280	222.95	38.769	19.843	8.285
GEOM. STD. DEV. :	1.6	1.9939	1.6175	1.43	1.361	1.414	3.087
1ST QUARTILE :	51.0	2.1740	4.8970	190.25	33.898	15.390	3.310
2ND QUARTILE :	71.5	3.9577	6.3761	212.02	40.040	16.450	9.930
3RD QUARTILE :	90.6	5.8811	8.5829	273.55	46.255	24.600	12.000

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SHALLOW LAKE/CUMULATIVE/PRECIP. #09

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	13.000	12.000	13.000	13.000	12.0000	12.0000
MAXIMUM :	91.020	11.200	11.430	21.840	59.940	5.5500	0.7400
MINIMUM :	24.640	2.530	0.530	0.506	14.784	0.0750	0.1040
RANGE :	66.380	8.670	10.900	21.334	45.156	5.4750	0.6360
ARITH. MEAN :	48.358	4.976	4.072	6.226	35.763	1.4657	0.2364
ARITH. STD. DEV :	19.592	2.346	3.434	7.555	11.063	1.7633	0.1742
GEOM. MEAN :	45.009	4.557	2.767	2.895	34.019	0.7978	0.2002
GEOM. STD. DEV. :	1.482	1.530	2.674	3.832	1.412	3.3034	1.7455
1ST QUARTILE :	32.895	3.177	1.305	0.765	29.470	0.4105	0.1385
2ND QUARTILE :	44.735	4.325	3.100	2.737	35.625	0.7223	0.1812
3RD QUARTILE :	63.690	5.775	6.310	5.642	39.580	1.5730	0.2610

ONTARIO MINISTRY OF THE ENV"PONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SHALLOW LAKE/CUMULATIVE/PRECIP. #09

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83 PAGE : 3

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	12.000	12.0000	12.0000	12.000	12.000	12.0000
MAXIMUM :	0.0635	1.250	7.6899	0.6072	0.127	7.876	6.0525
MINIMUM :	0.0150	0.215	0.9578	0.0400	0.030	0.565	0.0440
RANGE :	0.0485	1.036	6.7321	0.5672	0.097	7.311	6.0084
ARITH. MEAN :	0.0394	0.570	3.4853	0.3422	0.079	2.985	0.5888
ARITH. STD. DEV :	0.0155	0.351	2.3428	0.1962	0.031	2.242	1.7211
GEOM. MEAN :	0.0364	0.483	2.7831	0.2704	0.073	2.269	0.1187
GEOM. STD. DEV. :	1.5371	1.821	2.0497	2.2788	1.537	2.225	3.7416
1ST QUARTILE :	0.0262	0.294	1.7013	0.1530	0.052	1.413	0.0589
2ND QUARTILE :	0.0372	0.463	2.4059	0.3550	0.074	2.171	0.0816
3RD QUARTILE :	0.0533	0.798	5.3447	0.5165	0.107	4.559	0.1466

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SHALLOW LAKE/CUMULATIVE/PRECIP. #09

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

		CADMIUM
		MG/M**2
# OF SAMPLES	:	12.00000
MAXIMUM	:	0.01380
MINIMUM	:	0.00250
RANGE	:	0.01130
ARITH. MEAN	:	0.00622
ARITH. STD. DEV	:	0.00331
GEOM. MEAN	:	0.00546
GEOM. STD. DEV.	:	1.72360
1ST QUARTILE	:	0.00332
2ND QUARTILE	:	0.00607
3RD QUARTILE	:	0.00745

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SMITH'S FALLS/CUMULATIVE/PRECIP. #15

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	11.0000	9.0000	12.00	12.000	10.000	12.000
MAXIMUM :	91.0	5.8755	6.9342	357.00	42.550	49.500	20.748
MINIMUM :	10.0	0.4147	2.9116	34.25	7.500	11.590	2.200
RANGE :	81.0	5.4607	4.0226	322.75	35.050	37.910	18.548
ARITH. MEAN :	50.2	3.4434	5.1115	191.01	28.344	27.824	9.314
ARITH. STD. DEV :	23.3	1.9068	1.4621	118.48	11.561	13.478	4.701
GEOM. MEAN :	43.5	2.7516	4.9113	147.40	25.477	24.858	8.227
GEOM. STD. DEV. :	1.9	2.2632	1.3597	2.30	1.703	1.667	1.736
1ST QUARTILE :	27.3	1.5293	3.7234	70.68	20.985	14.629	6.473
2ND QUARTILE :	54.0	2.9855	4.8633	195.52	28.292	26.725	7.858
3RD QUARTILE :	59.6	4.9875	6.1007	285.54	39.007	35.525	11.900

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SMITH'S FALLS/CUMULATIVE/PRECIP. #15

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	10.000	7.000	11.000	12.000	12.000	10.0000	9.0000
MAXIMUM :	42.840	15.250	6.842	15.834	37.485	0.8500	0.4500
MINIMUM :	6.300	3.355	0.450	0.757	4.900	0.1197	0.0610
RANGE :	36.540	11.895	6.392	15.076	32.585	0.7303	0.3890
ARITH. MEAN :	27.571	8.139	2.450	4.631	19.476	0.4913	0.1872
ARITH. STD. DEV :	11.601	4.424	2.056	4.454	10.959	0.2344	0.1109
GEOM. MEAN :	24.293	7.106	1.750	3.060	15.847	0.4315	0.1635
GEOM. STD. DEV. :	1.630	1.776	2.437	2.674	2.086	1.7915	1.7331
1ST QUARTILE :	18.115	3.571	0.647	1.349	7.132	0.3122	0.1205
2ND QUARTILE :	28.683	6.258	1.713	3.707	21.724	0.4697	0.1668
3RD QUARTILE :	31.650	11.0[illegible]4	3.392	5.812	25.768	0.6180	0.1802

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SMITH'S FALLS/CUMULATIVE/PRECIP. #15

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	9.0000	9.000	9.0000	9.0000	9.000	9.000	9.0000
MAXIMUM :	0.0610	0.443	4.5678	0.8344	0.091	2.692	0.0768
MINIMUM :	0.0050	0.051	0.7412	0.0600	0.010	0.319	0.0203
RANGE :	0.0560	0.391	3.8266	0.7744	0.081	2.374	0.0564
ARITH. MEAN :	0.0322	0.293	1.7933	0.4271	0.058	1.174	0.0544
ARITH. STD. DEV :	0.0155	0.127	1.2993	0.2249	0.022	0.724	0.0164
GEOM. MEAN :	0.0275	0.254	1.4894	0.3515	0.051	0.988	0.0515
GEOM. STD. DEV. :	2.0218	1.953	1.8415	2.1725	1.898	1.900	1.4750
1ST QUARTILE :	0.0251	0.219	0.9612	0.2460	0.050	0.641	0.0464
2ND QUARTILE :	0.0294	0.279	1.1845	0.4385	0.059	0.886	0.0534
3RD QUARTILE :	0.0348	0.354	1.6198	0.5110	0.060	1.391	0.0616

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SMITH'S FALLS/CUMULATIVE/PRECIP. #15

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	CADMIUM MG/M**2
# OF SAMPLES :	9.00000
MAXIMUM :	0.01190
MINIMUM :	0.00100
RANGE :	0.01090
ARITH. MEAN :	0.00510
ARITH. STD. DEV :	0.00362
GEOM. MEAN :	0.00404
GEOM. STD. DEV. :	2.11934
1ST QUARTILE :	0.00271
2ND QUARTILE :	0.00352
3RD QUARTILE :	0.00525

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : UXBRIDGE/CUMULATIVE/PRECIP. #11

PERIOD OF REPORT : JAN 4, 82 TO JAN 3,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	9.0000	10.0000	12.00	13.000	10.000	12.000
MAXIMUM :	113.0	10.0711	10.8254	612.75	85.500	96.900	80.712
MINIMUM :	30.6	0.9163	1.6400	64.26	13.600	12.800	0.000
RANGE :	82.4	9.1548	9.1854	548.49	71.900	84.100	80.712
ARITH. MEAN :	73.4	4.1156	5.7639	273.96	39.889	32.937	19.541
ARITH. STD. DEV :	25.2	2.7946	2.8779	162.37	22.713	25.715	21.744
GEOM. MEAN :	68.3	3.2317	5.0159	228.10	34.579	27.026	12.004
GEOM. STD. DEV. :	1.5	2.2192	1.8185	1.96	1.744	1.851	2.311
1ST QUARTILE :	52.5	1.7381	3.2061	147.85	23.650	17.320	8.545
2ND QUARTILE :	80.7	3.6379	5.4510	276.60	33.225	22.121	13.275
3RD QUARTILE :	84.5	4.8046	6.8155	328.72	44.415	33.050	22.473

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : UXBRIDGE/CUMULATIVE/PRECIP. #11

PERIOD OF REPORT : JAN 4, 82 TO JAN 3,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	10.000	12.000	11.000	12.000	12.000	10.0000	11.0000
MAXIMUM :	58.100	18.408	5.664	46.374	55.224	2.1470	0.2850
MINIMUM :	15.912	1.224	0.153	0.200	9.853	0.0600	0.0640
RANGE :	42.188	17.184	5.511	46.174	45.371	2.0870	0.2210
ARITH. MEAN :	39.121	5.558	2.451	9.406	29.459	0.9392	0.1615
ARITH. STD. DEV :	14.800	5.148	2.158	12.613	14.030	0.6215	0.0736
GEOM. MEAN :	36.163	4.130	1.510	4.266	26.226	0.6628	0.1458
GEOM. STD. DEV. :	1.553	2.149	3.191	4.582	1.687	2.9453	1.6254
1ST QUARTILE :	24.000	2.672	0.627	2.495	17.424	0.3408	0.0895
2ND QUARTILE :	44.310	3.689	1.323	5.695	27.786	0.9495	0.1412
3RD QUARTILE :	49.730	5.957	4.372	10.979	39.487	1.2180	0.2181

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : UXBRIDGE/CUMULATIVE/PRECIP. #11

PERIOD OF REPORT : JAN 4, 82 TO JAN 3,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	11.0000	9.000	11.0000	11.0000	11.000	11.000	11.0000
MAXIMUM :	0.0565	1.023	4.3520	0.7910	0.113	2.489	0.3014
MINIMUM :	0.0153	0.148	0.7705	0.0153	0.031	0.304	0.0605
RANGE :	0.0412	0.875	3.5815	0.7757	0.082	2.185	0.2410
ARITH. MEAN :	0.0365	0.546	2.1221	0.3835	0.073	1.414	0.1290
ARITH. STD. DEV :	0.0138	0.322	0.9238	0.2693	0.028	0.630	0.0852
GEOM. MEAN :	0.0335	0.458	1.9459	0.2184	0.067	1.249	0.1082
GEOM. STD. DEV. :	1.5854	1.940	1.5676	4.2808	1.585	1.793	1.8239
1ST QUARTILE :	0.0180	0.307	1.4261	0.0480	0.036	0.898	0.0607
2ND QUARTILE :	0.0408	0.419	2.0284	0.4135	0.082	1.339	0.0814
3RD QUARTILE :	0.0447	0.645	2.4474	0.5725	0.089	1.792	0.1817

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : UXBRIDGE/CUMULATIVE/PRECIP. #11

PERIOD OF REPORT : JAN 4, 82 TO JAN 3,83

	CADMIUM MG/M**2
# OF SAMPLES :	11.00000
MAXIMUM :	0.05640
MINIMUM :	0.00200
RANGE :	0.05440
ARITH. MEAN :	0.01153
ARITH. STD. DEV :	0.01547
GEOM. MEAN :	0.00721
GEOM. STD. DEV. :	2.50290
1ST QUARTILE :	0.00370
2ND QUARTILE :	0.00518
3RD QUARTILE :	0.01045

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IM ONTARIO STUDY

STATION NAME : WATERLOO/CUMULATIVE/PRECIP. #07

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	11.0	8.0000	8.0000	9.00	9.000	9.000	9.000
MAXIMUM :	152.0	8.8000	11.2448	562.65	83.490	68.970	31.350
MINIMUM :	22.0	1.1833	2.5974	76.00	16.000	10.780	6.000
RANGE :	130.0	7.6167	8.6474	486.65	67.490	58.190	25.350
ARITH. MEAN :	83.1	4.6643	6.3257	297.39	43.234	29.066	16.172
ARITH. STD. DEV :	37.3	3.0951	3.2079	188.59	26.407	18.071	7.905
GEOM. MEAN :	74.0	3.6595	5.5938	236.97	36.132	24.836	14.440
GEOM. STD. DEV. :	1.7	2.1984	1.7216	2.15	1.907	1.806	1.681
1ST QUARTILE :	46.0	1.7899	3.6053	108.52	19.515	14.650	9.105
2ND QUARTILE :	78.5	4.5797	5.7070	259.87	28.050	23.440	14.880
3RD QUARTILE :	103.5	7.2962	9.0693	378.95	59.165	33.230	19.225

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WATERLOO/CUMULATIVE/PRECIP. #07

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	7.000	9.000	8.000	8.000	8.000	8.0000	8.0000
MAXIMUM :	118.720	15.730	29.040	9.805	101.920	19.8440	1.2100
MINIMUM :	12.000	2.530	0.390	2.925	6.400	0.0400	0.0800
RANGE :	106.720	13.200	28.650	6.880	95.520	19.8040	1.1300
ARITH. MEAN :	55.507	6.547	7.966	5.941	38.901	3.8173	0.3490
ARITH. STD. DEV :	36.670	4.167	10.359	2.849	31.323	6.7450	0.3619
GEOM. MEAN :	44.665	5.611	3.007	5.323	28.450	0.8468	0.2519
GEOM. STD. DEV. :	2.137	1.773	4.931	1.670	2.457	7.8445	2.2505
1ST QUARTILE :	20.430	3.735	0.840	3.040	16.530	0.2317	0.1530
2ND QUARTILE :	42.425	4.585	2.107	5.880	31.895	0.6715	0.2540
3RD QUARTILE :	72.060	7.250	14.200	8.480	53.020	4.4240	0.3440

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WATERLOO/CUMULATIVE/PRECIP. #07

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	8.0000	8.000	8.0000	8.0000	8.000	8.000	8.0000
MAXIMUM :	0.1120	1.404	9.7042	1.4560	0.121	4.804	0.1855
MINIMUM :	0.0195	0.120	0.6784	0.2250	0.039	1.040	0.0600
RANGE :	0.0925	1.284	9.0258	1.2310	0.082	3.764	0.1255
ARITH. MEAN :	0.0484	0.681	3.3461	0.5321	0.083	2.519	0.1083
ARITH. STD. DEV :	0.0286	0.408	2.7763	0.3979	0.028	1.461	0.0489
GEOM. MEAN :	0.0427	0.537	2.5871	0.4486	0.078	2.193	0.0988
GEOM. STD. DEV. :	1.6898	2.311	2.1677	1.7768	1.462	1.744	1.5858
1ST QUARTILE :	0.0320	0.373	1.6716	0.3355	0.064	1.494	0.0643
2ND QUARTILE :	0.0420	0.738	2.9196	0.3660	0.084	2.041	0.1001
3RD QUARTILE :	0.0540	0.851	3.6018	0.5865	0.103	3.617	0.1459

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WATERLOO/CUMULATIVE/PRECIP. #07

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

		CADMIUM MG/M**2
# OF SAMPLES	:	8.00000
MAXIMUM	:	0.06240
MINIMUM	:	0.00375
RANGE	:	0.05865
ARITH. MEAN	:	0.01880
ARITH. STD. DEV	:	0.01936
GEOM. MEAN	:	0.01269
GEOM. STD. DEV.	:	2.54256
1ST QUARTILE	:	0.00637
2ND QUARTILE	:	0.01135
3RD QUARTILE	:	0.02440

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITNEY/CUMULATIVE/PRECIP. #19

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	13.0	13.0000	13.0000	13.00	13.000	12.000	13.000
MAXIMUM :	127.0	10.0880	12.5730	457.20	53.340	21.240	16.520
MINIMUM :	34.0	1.3337	2.3030	20.30	12.000	0.000	0.000
RANGE :	93.0	8.7543	10.2700	436.90	41.340	21.240	16.520
ARITH. MEAN :	67.8	3.7223	5.2493	162.35	25.039	9.936	5.821
ARITH. STD. DEV :	30.3	2.6679	2.9987	125.64	14.062	7.118	4.125
GEOM. MEAN :	61.8	3.0005	4.6072	115.79	21.924	7.220	4.768
GEOM. STD. DEV. :	1.6	1.9628	1.6784	2.55	1.687	2.108	1.739
1ST QUARTILE :	37.0	1.4983	3.0513	58.55	14.425	4.040	2.920
2ND QUARTILE :	58.5	2.4089	4.1420	132.97	16.560	9.620	5.180
3RD QUARTILE :	78.0	4.5577	5.7807	204.60	33.849	16.425	6.575

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITNEY/CUMULATIVE/PRECIP. #19

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	12.000	12.000	12.000	12.000	13.000	11.0000	12.0000
MAXIMUM :	50.800	3.175	4.445	7.080	39.116	1.9470	0.2950
MINIMUM :	8.700	0.090	0.145	0.145	1.440	0.0750	0.0290
RANGE :	42.100	3.085	4.300	6.935	37.676	1.8720	0.2660
ARITH. MEAN :	24.452	1.572	2.020	1.946	17.646	0.6742	0.1154
ARITH. STD. DEV :	14.224	1.090	1.493	1.906	11.968	0.5319	0.0838
GEOM. MEAN :	20.725	1.036	1.329	1.223	12.736	0.4894	0.0877
GEOM. STD. DEV. :	1.848	3.232	3.060	3.092	2.636	2.4936	2.2346
1ST QUARTILE :	11.400	0.655	0.580	0.875	6.270	0.2410	0.0387
2ND QUARTILE :	22.470	1.465	2.117	1.445	17.650	0.5340	0.0995
3RD QUARTILE :	32.820	2.510	3.175	2.320	25.165	0.8530	0.1745

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITNEY/CUMULATIVE/PRECIP. #19

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83 PAGE : 3

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	12.000	12.0000	12.0000	12.000	12.000	12.0000
MAXIMUM :	0.0635	0.632	2.8851	0.9880	0.228	3.935	1.4004
MINIMUM :	0.0170	0.087	0.3216	0.0340	0.034	0.286	0.0462
RANGE :	0.0465	0.545	2.5635	0.9540	0.194	3.649	1.3542
ARITH. MEAN :	0.0355	0.292	1.3891	0.3207	0.084	1.209	0.2115
ARITH. STD. DEV :	0.0172	0.179	0.7929	0.2963	0.057	0.990	0.3854
GEOM. MEAN :	0.0318	0.240	1.1858	0.1878	0.070	0.934	0.1071
GEOM. STD. DEV. :	1.6425	1.980	1.8457	3.3404	1.856	2.115	2.6391
1ST QUARTILE :	0.0185	0.122	0.8838	0.0560	0.037	0.573	0.0631
2ND QUARTILE :	0.0332	0.273	1.1475	0.2490	0.066	0.980	0.0796
3RD QUARTILE :	0.0495	0.402	1.8300	0.5440	0.118	1.552	0.0991

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITNEY/CUMULATIVE/PRECIP. #19

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

		CADMIUM MG/M**2
# OF SAMPLES	:	12.00000
MAXIMUM	:	0.10500
MINIMUM	:	0.00170
RANGE	:	0.10330
ARITH. MEAN	:	0.01248
ARITH. STD. DEV	:	0.02928
GEOM. MEAN	:	0.00445
GEOM. STD. DEV.	:	3.20133
1ST QUARTILE	:	0.00185
2ND QUARTILE	:	0.00335
3RD QUARTILE	:	0.00612

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILBERFORCE/CUMULATIVE/PRECIP. #18

PERIOD OF REPORT : MAR 2, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	11.0	10.0000	10.0000	11.00	11.000	11.000	11.000
MAXIMUM :	154.0	15.6797	19.1620	722.15	90.090	40.500	27.720
MINIMUM :	23.0	1.0274	1.4950	51.75	6.900	4.600	1.610
RANGE :	131.0	14.6523	17.6670	670.40	83.190	35.900	26.110
ARITH. MEAN :	91.8	6.3390	8.5265	288.41	46.270	17.348	12.170
ARITH. STD. DEV :	41.5	4.0485	4.7195	176.50	22.742	9.325	7.927
GEOM. MEAN :	80.8	5.1923	7.1899	240.99	39.085	15.251	9.463
GEOM. STD. DEV. :	1.8	2.0598	1.9850	1.96	2.027	1.736	2.297
1ST QUARTILE :	50.5	3.7846	4.9462	164.54	24.815	10.680	4.400
2ND QUARTILE :	85.0	5.6146	8.4344	237.02	47.370	15.337	11.550
3RD QUARTILE :	118.0	7.1877	9.2277	349.30	59.000	20.540	13.968

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILBERFORCE/CUMULATIVE/PRECIP. #18

PERIOD OF REPORT : MAR 2, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	11.000	11.000	11.000	11.000	11.000	11.0000	11.0000
MAXIMUM :	80.080	4.620	10.725	13.160	71.500	2.1450	0.6000
MINIMUM :	8.970	0.460	1.190	0.057	7.590	0.0115	0.0460
RANGE :	71.110	4.160	9.535	13.102	63.910	2.1335	0.5540
ARITH. MEAN :	37.291	2.600	3.190	3.975	30.523	0.7202	0.1931
ARITH. STD. DEV :	18.177	1.450	2.734	4.499	18.331	0.6243	0.1579
GEOM. MEAN :	33.110	2.084	2.540	1.493	25.523	0.4158	0.1477
GEOM. STD. DEV. :	1.730	2.211	1.930	6.387	1.934	4.1560	2.1610
1ST QUARTILE :	26.325	0.867	1.390	0.180	14.427	0.2032	0.0654
2ND QUARTILE :	30.672	2.777	2.090	2.307	24.835	0.5131	0.1355
3RD QUARTILE :	42.435	3.505	3.612	4.717	40.632	1.1265	0.2470

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILBERFORCE/CUMULATIVE/PRECIP. #18

PERIOD OF REPORT : MAR 2, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	11.0000	11.000	11.0000	10.0000	11.000	11.000	11.0000
MAXIMUM :	0.0940	1.104	5.0625	1.1440	0.154	6.082	0.1905
MINIMUM :	0.0115	0.157	0.7866	0.0115	0.023	0.407	0.0264
RANGE :	0.0825	0.947	4.2759	1.1325	0.131	5.675	0.1640
ARITH. MEAN :	0.0536	0.431	2.2971	0.5913	0.099	1.969	0.0890
ARITH. STD. DEV :	0.0260	0.258	1.3594	0.4221	0.045	1.558	0.0410
GEOM. MEAN :	0.0458	0.378	1.9410	0.3384	0.086	1.556	0.0806
GEOM. STD. DEV. :	1.9292	1.684	1.8678	4.4892	1.846	2.050	1.6316
1ST QUARTILE :	0.0252	0.248	0.9529	0.1709	0.050	0.894	0.0598
2ND QUARTILE :	0.0562	0.344	1.7624	0.5370	0.101	1.417	0.0838
3RD QUARTILE :	0.0732	0.489	2.9174	0.9440	0.131	2.309	0.0994

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILBERFORCE/CUMULATIVE/PRECIP. #18

PERIOD OF REPORT : MAR 2, 82 TO JAN 4,83

		CADMIUM MG/M**2
# OF SAMPLES	:	11.00000
MAXIMUM	:	0.06840
MINIMUM	:	0.00115
RANGE	:	0.06725
ARITH. MEAN	:	0.01306
ARITH. STD. DEV	:	0.01907
GEOM. MEAN	:	0.00720
GEOM. STD. DEV.	:	2.98957
1ST QUARTILE	:	0.00359
2ND QUARTILE	:	0.00622
3RD QUARTILE	:	0.01135

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILKESPORT/CUMULATIVE/PRECIP. #04

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

		PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES	:	13.0	13.0000	12.0000	12.00	11.000	11.000	13.000
MAXIMUM	:	128.0	9.6027	10.8800	555.50	63.800	92.400	33.280
MINIMUM	:	15.0	0.2296	1.3200	109.20	12.150	19.210	6.660
RANGE	:	113.0	9.3731	9.5600	446.30	51.650	73.190	26.620
ARITH. MEAN	:	53.8	3.4247	5.1180	264.25	35.099	38.993	17.035
ARITH. STD. DEV	:	33.4	3.0919	3.2453	143.16	15.456	20.884	8.757
GEOM. MEAN	:	45.2	2.0245	4.1531	231.94	31.881	35.235	15.060
GEOM. STD. DEV.	:	1.9	3.4034	2.0209	1.70	1.612	1.566	1.685
1ST QUARTILE	:	33.5	0.9116	2.1915	144.77	22.850	24.825	9.620
2ND QUARTILE	:	43.5	2.1863	4.4598	241.12	29.230	30.450	13.110
3RD QUARTILE	:	58.5	4.6460	7.8818	348.40	46.320	42.440	19.475

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILKESPORT/CUMULATIVE/PRECIP. #04

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	11.000	11.000	13.000	13.000	12.000	12.0000	12.0000
MAXIMUM :	96.800	11.550	11.100	19.890	71.500	6.1620	0.4500
MINIMUM :	13.050	2.210	0.450	1.050	9.594	0.3600	0.0900
RANGE :	83.750	9.340	10.650	18.840	61.906	5.8020	0.3600
ARITH. MEAN :	45.921	5.364	4.150	7.313	37.390	1.7976	0.2715
ARITH. STD. DEV :	23.655	2.456	3.199	6.271	19.931	1.7717	0.1212
GEOM. MEAN :	40.463	4.941	3.002	5.032	31.564	1.1941	0.2437
GEOM. STD. DEV. :	1.732	1.520	2.477	2.546	1.939	2.5450	1.6681
1ST QUARTILE :	26.160	3.762	1.580	2.605	23.260	0.5850	0.1790
2ND QUARTILE :	41.940	4.725	2.790	3.487	34.989	1.0075	0.2630
3RD QUARTILE :	51.580	5.567	5.695	10.240	53.650	2.8610	0.3780

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILKESPORT/CUMULATIVE/PRECIP. #04

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	12.0000	12.000	12.0000	12.0000	12.000	12.000	12.0000
MAXIMUM :	0.1100	0.758	5.8227	0.8800	0.222	4.504	2.4820
MINIMUM :	0.0150	0.256	2.1076	0.1350	0.015	1.151	0.0650
RANGE :	0.0950	0.502	3.7151	0.7450	0.207	3.353	2.4170
ARITH. MEAN :	0.0349	0.552	3.2768	0.3711	0.069	3.134	0.3049
ARITH. STD. DEV :	0.0270	0.173	1.2238	0.2328	0.058	1.116	0.6867
GEOM. MEAN :	0.0292	0.524	3.0922	0.3098	0.054	2.914	0.1316
GEOM. STD. DEV. :	1.7583	1.420	1.4159	1.8828	2.046	1.531	2.6774
1ST QUARTILE :	0.0202	0.401	2.2662	0.1715	0.038	2.361	0.0819
2ND QUARTILE :	0.0247	0.539	2.8332	0.3150	0.045	3.234	0.0976
3RD QUARTILE :	0.0342	0.721	4.0698	0.5010	0.086	4.139	0.1451

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WILKESPORT/CUMULATIVE/PRECIP. #04

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	CADMIUM MG/MM**2
# OF SAMPLES :	12.00000
MAXIMUM :	0.03000
MINIMUM :	0.00225
RANGE :	0.02775
ARITH. MEAN :	0.00982
ARITH. STD. DEV :	0.00915
GEOM. MEAN :	0.00721
GEOM. STD. DEV. :	2.18332
1ST QUARTILE :	0.00410
2ND QUARTILE :	0.00620
3RD QUARTILE :	0.01050

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WINISK/CUMULATIVE/PRECIP. #29

PERIOD OF REPORT : JUL 20, 82 TO DEC 7,82 PAGE : 1

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	5.0	4.0000	5.0000	5.00	5.000	4.000	3.000
MAXIMUM :	89.7	0.5162	2.1349	78.84	11.680	32.120	68.172
MINIMUM :	17.2	0.0663	0.4059	12.90	0.516	9.120	14.820
RANGE :	72.5	0.4498	1.7289	65.94	11.164	23.000	53.352
ARITH. MEAN :	44.8	0.2160	1.1626	43.17	4.588	17.159	46.741
ARITH. STD. DEV :	30.0	0.2032	0.6710	25.13	4.244	10.207	28.181
GEOM. MEAN :	37.1	0.1613	0.9963	36.44	3.024	15.310	38.669
GEOM. STD. DEV. :	2.0	2.3457	1.9154	2.01	3.128	1.699	2.305
1ST QUARTILE :	18.8	0.1022	0.5371	19.75	1.488	11.287	********
2ND QUARTILE :	29.3	0.1407	0.9824	37.39	3.130	13.697	********
3RD QUARTILE :	48.2	0.3298	1.3018	48.75	4.142	23.030	********

***** : INSUFFICIENT DATA
NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WINISK/CUMULATIVE/PRECIP. 829

PERIOD OF REPORT : JUL 20, 82 TO DEC 7,82

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES	5.000	3.000	5.000	3.000	5.000	5.0000	5.0000
MAXIMUM	12.558	8.760	5.432	47.541	15.967	0.4940	0.0760
MINIMUM	3.280	2.470	0.146	7.600	0.929	0.0307	0.0410
RANGE	9.278	6.290	5.286	39.941	15.038	0.4632	0.0350
ARITH. MEAN	7.405	5.986	2.536	30.644	5.353	0.2485	0.0544
ARITH. STD. DEV	3.857	3.210	2.026	20.668	6.140	0.1915	0.0138
GEOM. MEAN	6.572	5.260	1.544	23.689	3.266	0.1669	0.0531
GEOM. STD. DEV.	1.750	1.950	4.074	2.699	3.036	3.1542	1.2735
1ST QUARTILE	3.790	********	0.928	********	1.182	0.0592	0.0429
2ND QUARTILE	5.654	********	1.758	********	2.541	0.1783	0.0482
3RD QUARTILE	8.444	********	2.697	********	4.218	0.3151	0.0550

****** : INSUFFICIENT DATA

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : MINISK/CUMULATIVE/PRECIP. #29

PERIOD OF REPORT : JUL 20, 82 TO DEC 7,82 PAGE : 3

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	5.0000	5.000	5.0000	5.0000	5.000	5.000	5.0000
MAXIMUM :	0.0448	0.802	2.5422	0.1520	0.090	1.243	0.0798
MINIMUM :	0.0086	0.105	0.7211	0.0102	0.017	0.253	0.0408
RANGE :	0.0362	0.697	1.8211	0.1417	0.072	0.990	0.0390
ARITH. MEAN :	0.0224	0.299	1.3987	0.0610	0.045	0.706	0.0578
ARITH. STD. DEV :	0.0150	0.286	0.7053	0.0552	0.030	0.361	0.0173
GEOM. MEAN :	0.0185	0.227	1.2727	0.0426	0.037	0.625	0.0558
GEOM. STD. DEV. :	2.0025	2.171	1.6151	2.7259	2.002	1.791	1.3452
1ST QUARTILE :	0.0094	0.126	0.8260	0.0197	0.019	0.428	0.0424
2ND QUARTILE :	0.0146	0.172	1.1426	0.0370	0.029	0.612	0.0483
3RD QUARTILE :	0.0241	0.221	1.3997	0.0568	0.048	0.715	0.0623

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WINISK/CUMULATIVE/PRECIP. #29

PERIOD OF REPORT : JUL 20, 82 TO DEC 7,82

	CADMIUM MG/M**2
# OF SAMPLES :	5.00000
MAXIMUM :	0.00820
MINIMUM :	0.00344
RANGE :	0.00476
ARITH. MEAN :	0.00515
ARITH. STD. DEV :	0.00193
GEOM. MEAN :	0.00489
GEOM. STD. DEV. :	1.42085
1ST QUARTILE :	0.00362
2ND QUARTILE :	0.00414
3RD QUARTILE :	0.00516

PART VI

SUMMARY STATISTICS OF WET DEPOSITION BY REGION

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CENTRAL REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	76.0	57.0000	58.0000	68.00	71.000	59.000	70.000
MAXIMUM :	155.0	15.6797	19.1620	722.15	96.820	96.900	83.490
MINIMUM :	19.0	0.5071	1.3596	37.40	6.900	4.600	0.000
RANGE :	136.0	15.1725	17.8024	684.75	89.920	92.300	83.490
ARITH. MEAN :	75.5	4.6923	6.3329	257.24	40.496	22.189	15.361
ARITH. STD. DEV :	31.4	3.2170	3.5531	170.01	20.772	16.289	15.508
GEOM. MEAN :	68.6	3.7040	5.4112	204.82	35.279	17.865	10.725
GEOM. STD. DEV. :	1.6	2.0869	1.8008	2.04	1.732	1.929	2.212
1ST QUARTILE :	51.0	2.5289	3.7842	143.42	24.750	11.065	7.906
2ND QUARTILE :	72.3	4.1287	5.7812	231.95	33.750	18.225	11.550
3RD QUARTILE :	94.0	5.6009	7.8906	326.42	54.390	28.210	15.310

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CENTRAL REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	64.000	63.000	69.000	69.000	68.000	66.0000	63.0000
MAXIMUM :	111.800	18.408	28.325	46.374	84.600	7.1500	1.3314
MINIMUM :	4.860	0.270	0.110	0.057	3.564	0.0115	0.0230
RANGE :	106.940	18.138	28.215	46.316	81.036	7.1385	1.3084
ARITH. MEAN :	37.992	3.449	3.820	5.495	29.679	1.1257	0.2690
ARITH. STD. DEV :	21.897	3.408	4.944	7.288	18.611	1.3286	0.2817
GEOM. MEAN :	31.869	2.465	2.214	2.861	23.937	0.6296	0.1802
GEOM. STD. DEV. :	1.881	2.286	2.887	3.724	2.019	3.3340	2.4222
1ST QUARTILE :	21.490	1.270	1.218	1.890	14.796	0.2944	0.0960
2ND QUARTILE :	34.961	2.842	1.935	3.480	25.741	0.7248	0.1660
3RD QUARTILE :	48.710	3.760	3.920	6.151	39.832	1.3395	0.2855

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CENTRAL REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	63.0000	61.000	63.0000	62.0000	63.000	63.000	63.0000
MAXIMUM :	0.0940	1.785	13.8000	1.9500	0.155	8.712	2.7472
MINIMUM :	0.0110	0.116	0.6222	0.0110	0.019	0.240	0.0223
RANGE :	0.0830	1.669	13.1778	1.9390	0.136	8.472	2.7249
ARITH. MEAN :	0.0425	0.503	2.9586	0.4901	0.081	2.150	0.1933
ARITH. STD. DEV :	0.0183	0.358	2.4379	0.3736	0.034	1.844	0.4379
GEOM. MEAN :	0.0383	0.406	2.3030	0.3100	0.073	1.600	0.1008
GEOM. STD. DEV. :	1.6173	1.920	1.9960	3.3442	1.626	2.188	2.3731
1ST QUARTILE :	0.0288	0.256	1.4028	0.1900	0.053	0.949	0.0609
2ND QUARTILE :	0.0406	0.386	2.1049	0.4135	0.078	1.595	0.0862
3RD QUARTILE :	0.0547	0.631	3.4369	0.7186	0.108	2.670	0.1080

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CENTRAL REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 82 TO JAN 4,83

	CADMIUM MG/M**2
# OF SAMPLES :	63.00000
MAXIMUM :	0.06840
MINIMUM :	0.00110
RANGE :	0.06730
ARITH. MEAN :	0.00838
ARITH. STD. DEV :	0.01100
GEOM. MEAN :	0.00575
GEOM. STD. DEV. :	2.18283
1ST QUARTILE :	0.00355
2ND QUARTILE :	0.00529
3RD QUARTILE :	0.00875

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 82 TO JAN 16,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	108.0	97.0000	94.0000	93.00	96.000	94.000	94.000
MAXIMUM :	162.0	12.5752	14.0940	510.30	84.480	34.500	78.980
MINIMUM :	9.7	0.0255	0.2309	17.50	0.000	0.000	0.000
RANGE :	152.3	12.5497	13.8631	492.80	84.480	34.500	78.980
ARITH. MEAN :	59.9	3.5368	4.7771	147.17	23.052	10.649	8.114
ARITH. STD. DEV :	34.9	2.5640	2.9218	108.72	16.046	8.030	10.453
GEOM. MEAN :	49.9	2.6084	3.9485	109.65	17.968	7.867	5.065
GEOM. STD. DEV. :	1.9	2.5217	1.9511	2.27	2.020	2.231	2.435
1ST QUARTILE :	32.4	1.6061	2.6258	64.25	12.272	4.192	2.752
2ND QUARTILE :	52.5	2.7894	4.0108	122.25	18.250	8.600	5.005
3RD QUARTILE :	85.9	4.7700	6.0141	202.05	29.138	15.770	9.885

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 82 TO JAN 16,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	86.000	94.000	93.000	93.000	91.000	85.0000	89.0000
MAXIMUM :	373.360	27.284	56.722	44.516	86.160	30.8740	1.2636
MINIMUM :	3.400	0.000	0.000	0.000	0.950	0.0400	0.0169
RANGE :	369.960	27.284	56.722	44.516	85.210	30.8340	1.2467
ARITH. MEAN :	28.434	2.100	3.521	3.637	18.232	0.9371	0.1705
ARITH. STD. DEV :	40.963	2.951	8.179	5.861	14.735	3.3525	0.1606
GEOM. MEAN :	20.148	1.429	1.864	2.058	12.915	0.3994	0.1282
GEOM. STD. DEV. :	2.154	2.473	2.764	2.785	2.485	2.8568	2.1308
1ST QUARTILE :	11.950	0.780	0.825	0.967	6.779	0.1850	0.0800
2ND QUARTILE :	19.984	1.612	2.000	1.785	13.545	0.4387	0.1369
3RD QUARTILE :	33.206	2.665	3.430	3.937	26.505	0.7032	0.1959

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 82 TO JAN 16,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	89.0000	86.000	85.0000	88.0000	89.000	85.000	87.0000
MAXIMUM :	0.1902	3.980	15.4791	1.1340	0.228	10.530	3.2306
MINIMUM :	0.0095	0.069	0.2700	0.0115	0.012	0.177	0.0295
RANGE :	0.1807	3.911	15.2091	1.1225	0.216	10.353	3.2011
ARITH. MEAN :	0.0394	0.404	2.3529	0.3217	0.070	1.881	0.1566
ARITH. STD. DEV :	0.0249	0.491	2.3202	0.2908	0.037	1.780	0.3745
GEOM. MEAN :	0.0336	0.305	1.7164	0.1961	0.061	1.292	0.0910
GEOM. STD. DEV. :	1.7679	1.959	2.1828	3.0308	1.722	2.467	2.1609
1ST QUARTILE :	0.0233	0.175	1.0558	0.0780	0.040	0.699	0.0570
2ND QUARTILE :	0.0345	0.307	1.6751	0.2542	0.060	1.386	0.0817
3RD QUARTILE :	0.0516	0.455	2.5800	0.4678	0.092	2.234	0.1110

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 82 TO JAN 16,83

	CADMIUM MG/M**2
# OF SAMPLES :	89.00000
MAXIMUM :	0.12636
MINIMUM :	0.00095
RANGE :	0.12541
ARITH. MEAN :	0.00940
ARITH. STD. DEV :	0.01900
GEOM. MEAN :	0.00498
GEOM. STD. DEV. :	2.56962
1ST QUARTILE :	0.00262
2ND QUARTILE :	0.00457
3RD QUARTILE :	0.00751

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 82 TO JAN 16,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	91.0	76.0000	76.0000	85.00	86.000	73.000	82.000
MAXIMUM :	193.0	6.6877	12.2049	397.09	41.600	50.180	68.172
MINIMUM :	4.5	0.0321	0.3072	6.75	0.516	0.485	0.000
RANGE :	188.5	6.6556	11.8977	390.34	41.084	49.695	68.172
ARITH. MEAN :	55.5	0.8742	2.2440	75.36	12.152	12.682	5.557
ARITH. STD. DEV :	38.8	1.0090	1.7091	65.76	8.177	11.489	9.578
GEOM. MEAN :	43.2	0.5408	1.8244	53.81	9.626	8.457	3.539
GEOM. STD. DEV. :	2.1	2.8043	1.9072	2.35	2.097	2.635	2.229
1ST QUARTILE :	26.7	0.3303	1.2645	30.87	6.320	4.912	1.796
2ND QUARTILE :	46.3	0.5453	1.8888	51.51	10.626	9.125	3.634
3RD QUARTILE :	70.6	1.0908	2.7687	95.76	15.846	15.262	5.893

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHWESTERN REGION/CUMULATIVE PRECI".

PERIOD OF REPORT : JAN 4, 82 TO JAN 16,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	72.000	73.000	77.000	76.000	79.000	71.0000	73.0000
MAXIMUM :	84.920	8.760	16.800	47.541	63.304	5.2896	1.7600
MINIMUM :	2.805	0.000	0.000	0.152	0.039	0.0000	0.0172
RANGE :	82.115	8.760	16.800	47.389	63.265	5.2896	1.7428
ARITH. MEAN :	29.336	2.182	3.078	3.538	16.848	0.8716	0.2157
ARITH. STD. DEV :	20.286	2.014	3.184	6.772	14.183	1.0487	0.2572
GEOM. MEAN :	21.921	1.515	1.887	2.022	9.873	0.5231	0.1413
GEOM. STD. DEV. :	2.322	2.484	2.921	2.511	3.964	2.8212	2.4546
1ST QUARTILE :	12.615	0.773	0.813	1.139	5.100	0.2689	0.0755
2ND QUARTILE :	23.471	1.580	1.970	1.789	13.636	0.4803	0.1413
3RD QUARTILE :	43.906	2.840	4.259	3.515	25.020	0.9992	0.2332

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 82 TO JAN 16,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	72.0000	72.000	69.0000	72.0000	73.000	70.000	73.0000
MAXIMUM :	0.2600	1.432	15.6445	1.1345	0.193	12.983	2.2627
MINIMUM :	0.0060	0.048	0.3216	0.0093	0.012	0.164	0.0207
RANGE :	0.2540	1.384	15.3229	1.1252	0.181	12.819	2.2420
ARITH. MEAN :	0.0394	0.322	2.6161	0.1773	0.066	2.052	0.1495
ARITH. STD. DEV :	0.0341	0.269	2.7900	0.2114	0.042	2.345	0.3229
GEOM. MEAN :	0.0307	0.243	1.7494	0.1077	0.054	1.285	0.0883
GEOM. STD. DEV. :	2.0446	2.101	2.4112	2.7647	1.938	2.631	2.2042
1ST QUARTILE :	0.0191	0.152	0.8894	0.0563	0.034	0.621	0.0529
2ND QUARTILE :	0.0305	0.219	1.6004	0.1101	0.055	1.253	0.0801
3RD QUARTILE :	0.0494	0.438	2.9867	0.2231	0.092	2.471	0.1123

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 4, 82 TO JAN 16,83

		CADMIUM MG/M**2
# OF SAMPLES	:	73.00000
MAXIMUM	:	0.03440
MINIMUM	:	0.00060
RANGE	:	0.03380
ARITH. MEAN	:	0.00640
ARITH. STD. DEV	:	0.00544
GEOM. MEAN	:	0.00497
GEOM. STD. DEV.	:	2.03471
1ST QUARTILE	:	0.00305
2ND QUARTILE	:	0.00537
3RD QUARTILE	:	0.00747

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 31, 81 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	50.0	47.0000	44.0000	48.00	49.000	47.000	47.000
MAXIMUM :	138.0	14.9812	15.0178	684.25	72.590	52.390	26.691
MINIMUM :	10.0	0.4147	0.7020	12.48	4.350	3.328	1.650
RANGE :	128.0	14.5665	14.3158	671.77	68.240	49.062	25.041
ARITH. MEAN :	56.0	4.2427	5.3106	199.47	29.518	19.757	9.240
ARITH. STD. DEV :	29.0	3.4063	3.3677	154.89	17.514	13.401	5.936
GEOM. MEAN :	47.9	3.0527	4.3177	140.03	24.116	15.495	7.470
GEOM. STD. DEV. :	1.8	2.3878	1.9953	2.55	2.003	2.088	1.999
1ST QUARTILE :	34.7	1.3360	2.9356	62.04	16.324	9.195	4.875
2ND QUARTILE :	52.0	3.5907	5.0546	181.30	28.063	16.413	7.668
3RD QUARTILE :	68.3	5.3834	6.1090	258.46	37.765	27.650	12.052

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 31, 81 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	45.000	44.000	47.000	47.000	48.000	45.0000	43.0000
MAXIMUM :	108.290	15.250	7.950	17.836	80.920	2.6137	0.5345
MINIMUM :	1.768	0.337	0.337	0.300	2.829	0.0345	0.0208
RANGE :	106.522	14.912	7.612	17.536	78.091	2.5792	0.5137
ARITH. MEAN :	30.970	3.209	2.534	4.128	22.260	0.7246	0.1925
ARITH. STD. DEV :	20.919	3.070	2.044	4.369	15.926	0.6409	0.1278
GEOM. MEAN :	24.035	2.236	1.831	2.414	17.111	0.4962	0.1485
GEOM. STD. DEV. :	2.231	2.383	2.320	3.013	2.185	2.6246	2.2297
1ST QUARTILE :	16.926	1.125	0.780	0.961	9.465	0.3172	0.0965
2ND QUARTILE :	26.623	2.296	1.786	2.455	20.340	0.5405	0.1668
3RD QUARTILE :	39.887	3.819	3.477	5.338	28.408	0.8215	0.2576

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 31, 81 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	43.0000	43.000	43.0000	43.0000	43.000	43.000	43.0000
MAXIMUM :	0.1302	1.103	11.9621	1.4280	0.138	11.641	0.4064
MINIMUM :	0.0050	0.051	0.4463	0.0075	0.010	0.258	0.0203
RANGE :	0.1252	1.051	11.5158	1.4205	0.128	11.384	0.3860
ARITH. MEAN :	0.0376	0.385	2.3639	0.4668	0.061	1.691	0.1046
ARITH. STD. DEV :	0.0268	0.237	2.1016	0.3231	0.030	1.900	0.0895
GEOM. MEAN :	0.0295	0.320	1.7890	0.3366	0.052	1.167	0.0800
GEOM. STD. DEV. :	2.1061	1.901	2.0817	2.6960	1.871	2.301	2.0276
1ST QUARTILE :	0.0240	0.234	1.0112	0.2046	0.048	0.589	0.0490
2ND QUARTILE :	0.0306	0.298	1.7020	0.4385	0.059	1.057	0.0648
3RD QUARTILE :	0.0450	0.474	2.9837	0.5978	0.076	2.183	0.1340

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHEASTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : DEC 31, 81 TO JAN 4,83 PAGE : 4

		CADMIUM MG/M**2
# OF SAMPLES	:	43.00000
MAXIMUM	:	0.02760
MINIMUM	:	0.00065
RANGE	:	0.02695
ARITH. MEAN	:	0.00570
ARITH. STD. DEV	:	0.00491
GEOM. MEAN	:	0.00425
GEOM. STD. DEV.	:	2.20725
1ST QUARTILE	:	0.00254
2ND QUARTILE	:	0.00392
3RD QUARTILE	:	0.00635

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	PRECIP. MM	FREE H+ LAB MG/M**2	TOTAL H+ TO PH8.3 MG/M**2	SULPHATE MG/M**2	NITRATE AS N MG/M**2	CALCIUM MG/M**2	CHLORIDE MG/M**2
# OF SAMPLES :	114.0	96.0000	96.0000	106.00	104.000	94.000	110.000
MAXIMUM :	172.0	16.0520	18.9200	688.00	109.394	139.263	91.120
MINIMUM :	12.4	0.0334	1.2864	76.00	12.150	9.900	0.450
RANGE :	159.6	16.0185	17.6336	612.00	97.244	129.363	90.670
ARITH. MEAN :	68.5	4.6441	6.2807	293.05	41.247	37.251	17.981
ARITH. STD. DEV :	33.1	3.2805	3.4458	133.63	17.319	24.616	14.462
GEOM. MEAN :	59.8	3.2511	5.3473	264.12	38.028	31.184	13.385
GEOM. STD. DEV. :	1.7	2.8363	1.8179	1.60	1.501	1.800	2.371
1ST QUARTILE :	45.0	1.8732	3.3386	202.71	29.820	21.747	9.105
2ND QUARTILE :	67.3	4.2356	6.0541	271.35	38.120	29.152	14.955
3RD QUARTILE :	84.5	6.2332	8.1431	356.85	51.520	45.917	22.005

NOTE(1): PRECIP. VALUES REPRESENT GAUGE DEPTH

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	KJELDAHL AS N MG/M**2	MAGNESIM MG/M**2	POTASSIM MG/M**2	SODIUM MG/M**2	AMMONIUM AS N MG/M**2	PHOSPHOR MG/M**2	MANGANSE MG/M**2
# OF SAMPLES :	98.000	97.000	103.000	103.000	106.000	98.0000	96.0000
MAXIMUM :	183.700	55.200	44.100	62.445	113.348	22.2000	2.8918
MINIMUM :	12.000	0.900	0.000	0.506	5.796	0.0310	0.0450
RANGE :	171.700	54.300	44.100	61.939	107.552	22.1690	2.8468
ARITH. MEAN :	51.158	8.688	4.771	7.984	37.714	1.9798	0.3531
ARITH. STD. DEV :	27.292	8.079	5.816	9.803	20.807	3.2136	0.3966
GEOM. MEAN :	45.319	6.674	3.056	4.711	32.154	0.9441	0.2620
GEOM. STD. DEV. :	1.639	1.992	2.544	2.852	1.823	3.6253	2.0399
1ST QUARTILE :	33.567	4.347	1.595	2.175	23.624	0.5310	0.1669
2ND QUARTILE :	43.495	5.842	2.592	3.892	35.289	0.9391	0.2515
3RD QUARTILE :	62.820	9.450	5.851	10.974	47.050	2.0520	0.3892

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	NICKEL	ZINC	IRON	LEAD	VANADIUM	ALUMINUM	COPPER
	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2	MG/M**2
# OF SAMPLES :	97.0000	95.000	91.0000	96.0000	97.000	91.000	95.0000
MAXIMUM :	0.2740	1.738	56.6400	6.8500	0.688	47.580	6.0480
MINIMUM :	0.0110	0.112	0.6784	0.0170	0.015	0.480	0.0276
RANGE :	0.2630	1.627	55.9616	6.8330	0.673	47.100	6.0204
ARITH. MEAN :	0.0410	0.634	4.6744	0.5178	0.081	3.804	0.2807
ARITH. STD. DEV :	0.0313	0.351	6.6857	0.7121	0.073	5.402	0.7700
GEOM. MEAN :	0.0351	0.541	3.2873	0.3596	0.068	2.632	0.1165
GEOM. STD. DEV. :	1.6785	1.813	2.0973	2.4313	1.727	2.176	2.5712
1ST QUARTILE :	0.0255	0.400	2.0436	0.2378	0.050	1.535	0.0672
2ND QUARTILE :	0.0347	0.557	2.8835	0.4225	0.069	2.512	0.0854
3RD QUARTILE :	0.0445	0.775	5.2797	0.5887	0.090	4.406	0.1508

ONTARIO MINISTRY OF THE ENVIRONMENT
SUMMARY STATISTICS OF CALCULATED DEPOSITIONS
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : SOUTHWESTERN REGION/CUMULATIVE PRECIP.

PERIOD OF REPORT : JAN 5, 82 TO JAN 4,83

	CADMIUM MG/M**2
# OF SAMPLES :	96.00000
MAXIMUM :	0.31490
MINIMUM :	0.00197
RANGE :	0.31293
ARITH. MEAN :	0.01317
ARITH. STD. DEV :	0.03316
GEOM. MEAN :	0.00716
GEOM. STD. DEV. :	2.38930
1ST QUARTILE :	0.00398
2ND QUARTILE :	0.00600
3RD QUARTILE :	0.01036